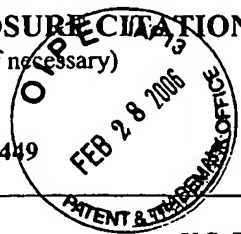


**INFORMATION DISCLOSURE CITATION**

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PTO Form 1449

Attorney Docket No.  
AFFY-003/25USApplication No.  
10/694,536Applicants: Stephen P.A. FODOR *et al.*

PAGE 1 of 4

Filing Date: October 28, 2003

Group Art Unit: 1634

**U.S. PATENT DOCUMENTS**

Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
JG	1.	US 2002/0155491	10/24/2002	Fodor <i>et al.</i>			
	2.	US 2002/0155492	10/24/2002	Fodor <i>et al.</i>			
	3.	US 2002/0192684	12/19/2002	Fodor <i>et al.</i>			
	4.	US 2003/0003475	01/02/2003	Fodor <i>et al.</i>			
	5.	US 2003/0017484	01/23/2003	Fodor <i>et al.</i>			
	6.	US 2003/0104411	06/05/2003	Fodor <i>et al.</i>			
	7.	US 2003/0119011	06/23/2003	Fodor <i>et al.</i>			
	8.	US 2004/0067521	04/08/2004	Fodor <i>et al.</i>			
	9.	US 2005/0112676	05/26/2005	Fodor <i>et al.</i>			
	10.	US 2005/0158743	07/21/2005	Fodor <i>et al.</i>			
	11.	US 2005/0164249	07/28/2005	Fodor <i>et al.</i>			
	12.	US 3,281,860	10/25/1966	Adams <i>et al.</i>			
	13.	US 3,861,886	01/21/1975	Meloy			
	14.	US 4,039,288	08/02/1977	Moran			
	15.	US 4,159,875	07/03/1979	Hauser			
	16.	US 4,258,001	03/24/1981	Pierce <i>et al.</i>			
	17.	US 4,395,486	07/26/1983	Wilson <i>et al.</i>			
	18.	US 4,430,299	02/07/1984	Horne			
	19.	US 4,595,562	06/17/1986	Liston <i>et al.</i>			
	20.	US 4,608,231	08/26/1986	Witty <i>et al.</i>			
	21.	US 4,654,165	03/31/1987	Eisenberg			
	22.	US 4,675,299	06/23/1987	Witty <i>et al.</i>			
	23.	US 4,676,951	06/30/1987	Armes <i>et al.</i>			
	24.	US 4,678,894	07/07/1987	Shafer			
	25.	US 4,719,087	01/12/1988	Hanaway			
	26.	US 4,806,631	02/21/1989	Carrico <i>et al.</i>			
	27.	US 4,822,681	04/18/1989	Schossler <i>et al.</i>			
	28.	US 4,829,010	05/09/1989	Chang			
	29.	US 4,845,027	07/04/1989	Calenoff <i>et al.</i>			
	30.	US 4,877,965	10/31/1989	Dandliker <i>et al.</i>			
	31.	US 5,139,812	08/18/1992	Lebacq			
	32.	US 5,171,534	12/15/1992	Smith <i>et al.</i>			
	33.	US 5,217,866	06/08/1993	Summerton <i>et al.</i>			
	34.	US 5,412,087	05/02/1995	McGall <i>et al.</i>			
	35.	US 5,432,099	06/11/1995	Ekins			

Examiner

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				<b>Applicants:</b> Stephen P.A. FODOR <i>et al.</i>				<b>PAGE 2 of 4</b>	
				<b>Filing Date:</b> October 28, 2003		<b>Group Art Unit:</b> 1634			

U.S. PATENT DOCUMENTS							
Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date	
	36.	US 5,484,908	Froehler <i>et al.</i>				
	37.	US 5,556,752	Lockhart <i>et al.</i>				
	38.	US 5,787,032	Heller <i>et al.</i>				
	39.	US 5,835,404	Heller <i>et al.</i>				
	40.	US 5,925,525	Fodor <i>et al.</i>				
	41.	US 6,067,246	Heller <i>et al.</i>				
	42.	US 6,103,463	Chetverin <i>et al.</i>				
	43.	US 6,140,044	Besemer <i>et al.</i>				
	44.	US 6,270,961	Drmanac				
	45.	US 6,355,432	Fodor <i>et al.</i>				
	46.	US 6,395,491	Fodor <i>et al.</i>				
	47.	US 6,420,169	Read <i>et al.</i>				
	48.	US 6,440,667	Fodor <i>et al.</i>				
	49.	US 6,451,536	Fodor <i>et al.</i>				
	50.	US 6,544,739	Fodor <i>et al.</i>				
	51.	US 6,576,424	Fodor <i>et al.</i>				
	52.	US 6,852,488	Fodor <i>et al.</i>				

FOREIGN PATENT DOCUMENTS							
Document No.	Date	Country	Class	Sub-Class	Translation		
53.	EP 0 130 515 A2	Europe					
54.	EP 0 154 505 A2	Europe					
55.	EP 0 171 150 A2	Europe					
56.	EP 0 173 339 A2	Europe					
57.	EP 0 185 547 A2	Europe					
58.	EP 0 225 807 A2	Europe					
59.	EP 0 232 967 A2	Europe					
60.	EP 0 235 726 A2	Europe					
61.	EP 0 237 362 A1	Europe					
62.	EP 0 237 362 B2	Europe					
63.	EP 0 281 927 B1	Europe					
64.	EP 0 514 927	Europe					
65.	WO 86/03782	WIPO					
66.	WO 89/10414	WIPO					
67.	WO 95/09248	WIPO					

Examiner <b>/Jeanine Goldberg/</b>	Date Considered <b>06/22/2006</b>
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		<b>Applicants:</b> Stephen P.A. FODOR <i>et al.</i>		<b>PAGE 3 of 4</b>
		<b>Filing Date:</b> October 28, 2003	<b>Group Art Unit:</b> 1634	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>				
68.		Avers, C.J., "Information Storage and Flow," p. 111, and "Figure 4-13," p.116, in <i>Molecular and Cell Biology</i> , Addison-Wesley Publ. Co., Reading, MA, (1985).		
69.		Craig, A.G., <i>et al.</i> , "Labelling oligonucleotides to high specific activity (I)," <i>Nucl. Acids Res.</i> 17(12):4605-4610, IRL Press, Oxford England (1989).		
70.		Crkvenjakov <i>et al.</i> "Miniaturization of Sequencing by Hybridization (SBH): A Novel Method For Genome Sequencing" abstract no. P37, DOE/NIH Human Genome Contractors/Grantee Workshop (Nov. 1989)		
71.		Crkvenjakov <i>et al.</i> "Miniaturization of Sequencing by Hybridization (SBH): The 'Sequencing Chip' Concept" 19 pages, (poster).		
72.		Crkvenjakov, R. and R. Drmanac, "An Integral Approach for Complex Genome Studies," research proposal submitted Office of Health and Environmental Research, U.S. Department of Energy, 54 pages (Oct. 1990)		
73.		Drmanac, R., <i>et al.</i> , "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing," <i>Science</i> 260:1649-1652, American Association for the Advancement of Science, Washington D.C. (1993)		
74.		Drmanac, R., <i>et al.</i> , "SBH and the Integration of Complementary Approaches in the Mapping, Sequencing, and Understanding of Complex Genomes," The Second International Conference on Bioinformatics, Supercomputing and Complex Genome Analysis: Proceedings of the June 4-7, 1992 Conference at St. Petersburg Beach, Florida. pp. 121-134, (1993).		
75.		Drmanac, R., <i>et al.</i> , "Prospects For Miniaturized, Simplified And Frugal Human Genome Project: The 'Sequencing Chip' Concept," 10 pages (Oct. 1989).		
76.		Drmanac, R., <i>et al.</i> , "Towards Genome DNA Sequencing Chip Based on Oligonucleotide Hybridization," 2 pages.		
77.		Drmanac, R., <i>et al.</i> , "Sequencing by hybridization: towards an automated sequencing of one million M13 clones arrayed on membranes," <i>Electrophoresis</i> 13:566-573, Verlag Chemie, Weinheim, Germany (1992)		
78.		Durland, R.H., <i>et al.</i> , "Selective binding of pyrido[2,3-d]pyrimidine 2'-deoxyribonucleoside to AT base pairs in antiparallel triple helices," <i>Bioconjugate Chem.</i> 6:278-282, American Chemical Society, Washington, District of Columbia (1995).		
79.		Elder, J.K., "Analysis of DNA Oligonucleotide Hybridization Data by Maximum Entropy," pp. 363-371, in <i>Maximum Entropy and Bayesian Methods</i> , eds. Mohammad-Djafari and Demoment, Kluwer, Dordrecht, Germany (1992).		
80.	↓	Elder, J.K., "Image Processing in Nucleic Acid Sequence Analysis," 166 pages, A thesis submitted for the degree of Doctor of Philosophy, University of Oxford (1993)		
Examiner		Date Considered		
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

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		<b>Applicants:</b> Stephen P.A. FODOR <i>et al.</i>		<b>PAGE 4 of 4</b>
		<b>Filing Date:</b> October 28, 2003	<b>Group Art Unit:</b> 1634	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>				
81.		Ellis, R.W., "The Applications of Synthetic Oligonucleotides to Molecular Biology," <i>Pharmaceutical Research</i> 3(4):195-207, Thieme, Stuttgart, Germany (1986).		
82.		Frischauf, A.M., <i>et al.</i> , "Lambda phage vectors--EMBL series," <i>Methods in Enzymology</i> 153:103-115., Academic Press, New York, New York (1987).		
83.		Hultman, T., <i>et al.</i> , "Direct solid phase sequencing of genomic and plasmid DNA using magnetic beads as solid support," <i>Nucl. Acids Res.</i> 17(13):4937-4946, IRL Press, Oxford, England (1989).		
84.		Lennon, G.G. and H. Lehrach, "Hybridization analyses of arrayed cDNA libraries," <i>Trends Genet.</i> 47(10):314-317, Elsevier Science Publishers B.V., Amsterdam, The Netherlands (1991).		
85.		Lysov, I.u.P., <i>et al.</i> , "A new method for determining the DNA nucleotide sequence by hybridization with oligonucleotides," <i>Doklady Biochem.</i> 303:355-452, Consultants Bureau, New York, New York (1988).		
86.		Maskos <i>et al.</i> , "A study of oligonucleotide reassociation using large arrays of oligonucleotides synthesized on a glass support," <i>Nucl. Acids Res.</i> 21(20):4663-4669, Oxford University Press, Oxford, England (1993).		
87.		Maskos, U., A Novel Method Of Nucleic Acid Sequence Analysis, Doctoral Thesis, Univ. of Oxford (1991)		
88.		McBride, L.J., <i>et al.</i> , "Automated DNA Sequencing Methods Involving Polymerase Chain Reaction," <i>Clin. Chem.</i> 35(11):2196-2201, American Association For Clinical Chemistry, Washington, District of Columbia (1989).		
89.		Poster, Cold Spring Harbor Symposium on Genome Mapping and Sequencing, (Apr. 1988).		
90.		Sambrook, J., <i>et al.</i> , "Conditions for Hybridization of Oligonucleotide Probes," pp. 11.45-11.47, in <i>Molecular Cloning, A Laboratory Manual, 2nd Edition</i> , Sambrook, J., and Russell, D.W., eds., Cold Spring Harbor Lab. Press, Cold Spring Harbor, New York (1989).		
91.		Southern, E.M., <i>et al.</i> , "Report on the Sequencing by Hybridization Workshop," <i>Genomics</i> 13:1378-1383, Academic Press, San Diego, California (1992).		
92.		Stodolsky, M., "Sequencing By Hybridization (SBH) The Rasomir Crkvenjakov Laboratory in 1989," 4 pages, (June 1989)		
93.	↓	Strezoska, Z., <i>et al.</i> , "DNA sequencing by hybridization: 100 bases read by a non-gel-based methods," <i>Proc. Natl. Acad. Sci. USA</i> 88:10089-10093, National Academy of Sciences, Washington, D.C. (1991)		
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FIRST

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56297-5003-20-US

Application No. 10/694,536

Applicants: Stephen P.A. FODOR *et al.*

Filing Date: 10/28/03

Group Art Unit: 1634

Reference Designation			U.S. PATENT DOCUMENTS				Page
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)	
1	3,849,137	11/19/74	Barzynski et al.				
2	3,862,056	1/21/75	Hartman				
3	3,939,350	2/7/78	Arwin et al.				
4	4,072,576	2/7/78	Arwin et al.				
5	4,180,739	12/25/79	Abu-Shumays				
6	4,238,757	12/9/80	Schenck				
7	4,269,933	5/26/81	Pazos				
8	4,314,821	2/9/82	Rice				
9	4,327,073	4/27/82	Huang				
10	4,339,528	7/13/82	Goldman				
11	4,342,905	8/3/82	Fujii et al.				
12	4,373,071	2/8/83	Itakura				
13	4,405,771	9/20/83	Jagur				
14	4,444,878	4/24/84	Paulus				
15	4,444,892	4/24/84	Malmros				
16	4,448,534	5/15/84	Wertz et al.				
17	4,458,066	7/3/84	Caruthers et al.				
18	4,483,920	11/20/84	Gillespie et al.				
19	4,500,707	2/19/85	Caruthers et al.				
20	4,516,833	5/14/85	Fusek				
21	4,517,338	5/14/85	Urdea et al.				
22	4,537,861	8/27/85	Elings et al.				
23	4,542,102	9/17/85	Dattagupta et al.				
24	4,555,490	11/26/85	Merril				
25	4,562,157	12/31/85	Lowe et al.				
26	4,569,967	2/11/86	Kornreich et al.				
27	4,580,895	4/8/86	Patel				
28	4,584,277	4/22/86	Ullman				
29	4,613,566	9/23/86	Potter				
30	4,624,915	11/25/86	Schindler et al.				
31	4,626,684	12/2/86	Landa				
32	4,631,211	12/23/86	Houghten				
33	4,637,861	1/20/87	Krull et al.				
34	4,677,054	6/30/87	White et al.				
35	4,681,859	7/21/87	Kramer				
36	4,683,202	7/28/87	Mullis				

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56297-5003-20-US

Application No. 10/694,536

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Group Art Unit: 1634

37	4,689,405	8/25/87	Frank et al.			
38	4,704,353	11/3/87	Humphries et al.			
39	4,711,955	12/8/87	Ward et al.			
40	4,713,326	12/15/87	Dattagupta et al.			
41	4,713,347	12/15/87	Mitchell et al.			
42	4,719,615	1/12/88	Feyrer et al.			
43	4,722,906	2/2/88	Guire			
44	4,728,502	3/1/88	Hamill			
45	4,728,591	3/1/88	Clark et al.			
46	4,731,325	3/15/88	Palva et al.			
47	4,755,458	7/5/88	Rabbani et al.			
48	4,762,881	8/9/88	Kauer			
49	4,777,019	10/11/88	Dandekar			
50	4,780,504	10/25/88	Buendia et al.			
51	4,786,170	11/22/88	Groeblor			
52	4,786,684	11/22/88	Glass			
53	4,794,150	12/27/88	Steel			
54	4,808,508	2/28/89	Platzer			
55	4,810,869	3/7/89	Yabe et al.			
56	4,811,062	3/7/89	Tabata et al.			
57	4,812,512	3/14/89	Buendia et al.			
58	4,820,630	4/11/89	Taub			
59	4,822,566	4/18/89	Newman			
60	4,833,092	5/23/89	Geysen			
61	4,844,617	7/4/89	Kelderman et al.			
62	4,846,552	7/11/89	Veldkamp et al.			
63	4,849,513	7/18/89	Smith et al.			
64	4,855,225	8/8/89	Fung et al.			
65	4,865,990	9/12/89	Stead et al.			
66	4,868,103	9/19/89	Stavrianopoulos et al.			
67	4,874,500	10/17/89	Madou et al.			
68	4,886,741	12/12/89	Schwartz			
69	4,888,278	12/19/89	Singer et al.			
70	4,923,901	5/8/90	Koester et al.			
71	4,925,785	5/15/90	Wang et al.			
72	4,946,942	8/7/90	Fuller et al.			
73	4,973,493	11/27/90	Guire			
74	4,979,959	12/25/90	Guire			

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Filing Date: 10/28/03

Group Art Unit: 1634

75	4,981,783	1/1/91	Augenlicht			
76	4,981,985	1/1/91	Kaplan et al.			
77	4,984,100	1/8/91	Takayama et al.			
78	4,987,065	1/22/91	Stavrianopoulos et al.			
79	4,988,617	1/29/91	Landegren et al.			
80	4,992,383	2/12/91	Farnsworth			
81	4,994,373	2/19/91	Stavrianopoulos et al.			
82	5,002,867	3/26/91	Macevitz			
83	5,021,550	6/4/91	Zeiger			
84	5,026,773	6/25/91	Steel			
85	5,026,840	6/25/91	Dattagupta et al.			
86	5,028,525	7/2/91	Gray et al.			
87	5,043,265	8/27/91	Tanke et al.			
88	5,047,524	9/10/91	Andrus et al.			
89	5,079,600	1/7/92	Schnur et al.			
90	5,081,584	1/14/92	Omichinski et al.			
91	5,082,830	1/21/92	Brakel et al.			
92	5,091,652	2/25/92	Mathies et al.			
93	5,112,962	5/12/92	Letsinger et al.			
94	5,141,813	8/25/92	Nelson			
95	5,143,854	9/1/92	Pirung et al.			
96	5,153,319	10/6/92	Caruthers et al.			
97	5,192,980	3/9/93	Dixon et al.			
98	5,200,051	4/6/93	Cozzette et al.			
99	5,202,231	4/13/93	Drmanac et al.			
100	5,206,137	4/27/93	Ip et al.			
101	5,215,882	6/1/93	Bahl et al.			
102	5,215,889	6/1/93	Schultz			
103	5,232,829	8/3/93	Longiaru et al.			
104	5,235,028	8/10/93	Barany et al.			
105	5,242,974	9/7/93	Holmes			
106	5,252,743	10/12/93	Barrett et al.			
107	5,256,549	10/26/93	Urdea et al.			
108	5,258,506	11/2/93	Urdea et al.			
109	5,306,641	4/26/94	Saccocio			
110	5,310,893	5/10/94	Erlich et al.			
111	5,324,633	6/28/94	Fodor et al.			
112	5,348,855	9/20/94	Dattagupta et al.			

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06/22/2006

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Group Art Unit: 1634

113	5,384,261	1/24/95	Winkler et al.			
114	5,405,783	4/11/95	Pirrung et al.			
115	5,424,186	6/13/95	Fodor et al.			
116	5,436,327	7/25/95	Southern et al.			
117	5,445,934	8/29/95	Fodor et al.			
118	5,447,841	9/5/95	Gray et al.			
119	5,486,452	1/23/96	Gordon et al.			
120	5,489,507	2/6/96	Chehab			
121	5,489,678	2/6/96	Fodor et al.			
122	5,492,806	2/20/96	Drmanac et al.			
123	5,510,270	4/23/96	Fodor et al.			
124	5,525,464	6/11/96	Drmanac et al.			
125	5,527,681	6/18/96	Holmes			
126	5,552,270	9/3/96	Khrapko et al.			
127	5,556,961	9/17/96	Foot et al.			
128	5,571,639	11/5/96	Hubbell et al.			
129	5,593,839	1/14/97	Hubbell et al.			
130	5,653,939	8/5/97	Hollis et al.			
131	5,667,667	9/16/97	Southern			
132	5,667,972	9/16/97	Drmanac et al.			
133	5,695,940	12/9/97	Drmanac et al.			
134	5,698,393	12/16/97	Macioszek et al.			
135	5,700,637	12/23/97	Southern			
136	5,707,806	1/13/98	Shuber			
137	5,744,305	4/28/98	Fodor et al.			
138	5,777,888	7/7/98	Rine et al.			
139	5,800,992	9/1/98	Fodor et al.			
140	5,807,522	9/15/98	Brown et al.			
141	5,830,645	11/3/98	Pinkel et al.			
142	5,843,767	12/1/98	Beattie			
143	5,846,708	12/8/98	Hollis et al.			
144	5,871,697	2/16/99	Rothberg et al.			
145	5,561,071	10/1/96	Hollenberg et al.			

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
1	EP 046 083	2/17/82	Europe			
2	EP 063 810	3/5/86	Europe			
3	EP 088 636	9/14/83	Europe			

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Applicants: Stephen P.A. FODOR *et al.*

Filing Date: 10/28/03

Group Art Unit: 1634

4	EP 103 197	3/21/84	Europe			
5	EP 127 438	12/5/84	Europe			
6	EP 171 150	3/25/92	Europe			
7	EP 173 339	1/22/92	Europe			
8	EP 185 547	6/3/92	Europe			
9	EP 194 132	9/10/86	Europe			
10	EP 225 807	10/19/94	Europe			
11	EP 228 075	7/8/87	Europe			
11A	EP 228 310	10/26/88	Europe			
12	EP 232 967	4/28/93	Europe			
13	EP 235 726	5/19/93	Europe			
14	EP 237 362	3/11/92	Europe			
15	EP 245 662	11/19/87	Europe			
16	EP 260 634	6/10/92	Europe			
17	EP 268 237	5/28/88	Europe			
18	EP 281 927	9/14/88	Europe			
19	EP 288 310	10/26/88	Europe			
20	EP 304 202	2/22/89	Europe			
21	EP 307 476	3/22/89	Europe			
22	EP 319 012	6/7/89	Europe			
23	EP 328 256	8/16/89	Europe			
23A	EP 333 561	9/20/89	Europe			
24	EP 337 498	10/18/89	Europe			
25	EP 373 203	6/20/90	Europe			
26	EP 386 229	4/5/90	Europe			
27	EP 392 546	10/17/90	Europe			
28	EP 476 014	8/31/94	Europe			
29	EP 619 321	1/7/99	Europe			
30	EP 717 113	6/19/96	Europe			
31	EP 848 067	6/17/98	Europe			
32	WO 84/03151	8/16/84	WIPO			
33	WO 84/03564	9/13/84	WIPO			
34	WO 85/01051	3/14/85	WIPO			
35	WO 86/00991	2/13/86	WIPO			
36	WO 86/06487	11/6/86	WIPO			
37	WO 88/04777	6/30/88	WIPO			
38	WO 88/01302	6/3/93	WIPO			
39	WO 89/05616	6/29/89	WIPO			

/Jeanine Goldberg/

06/22/2006

<b>INFORMATION DISCLOSURE STATEMENT</b>		Attorney Docket No. 56297-5003-20-US	Application No. 10/694,536
(Use several sheets if necessary)		Applicants: Stephen P.A. FODOR <i>et al.</i>	
PTO Form 1449	<b>FIRST</b>	Filing Date: 10/28/03	Group Art Unit: 1634

39A	WO 89/08834	9/21/89	WIPO			
40	WO 89/10977	11/16/89	WIPO			
41	WO 89/11548	11/30/89	WIPO			
42	WO 89/12819	12/28/89	WIPO			
43	WO 90/00887	2/8/90	WIPO			
44	WO 90/03382	4/5/90	WIPO			
45	WO 90/04652	5/3/90	WIPO			
46	WO 90/15070	2/13/90	WIPO			
47	WO 91/04266	4/4/91	WIPO			
48	WO 91/07087	5/30/91	WIPO			
49	WO 92/10588	6/25/92	WIPO			
50	WO 92/10092	6/25/92	WIPO			
51	WO 92/16655	1/10/92	WIPO			
52	WO 93/02992	2/3/93	WIPO			
53	WO 93/09668	5/27/93	WIPO			
54	WO 93/11262	6/30/93	WIPO			
55	WO 93/22456	11/11/93	WIPO			
56	WO 93/22480	11/11/93	WIPO			
57	WO 95/11995	5/4/95	WIPO			
58	WO 95/33846	12/14/95	WIPO			
59	WO 96/23078	8/1/96	WIPO			
60	WO 97/10365	3/20/97	WIPO			
61	WO 97/17317	5/15/97	WIPO			
62	WO 97/19410	5/29/97	WIPO			
63	WO 97/27317	7/13/97	WIPO			
64	WO 97/29212	8/14/97	WIPO			
65	WO 98/31836	7/23/98	WIPO			
66	GB 8810400.5 (priority for WO 89/10977)	5/3/88	Great Britian			
67	GB 2156074	3/15/88	Great Britian			
68	GB 2196476	4/27/88	Great Britian			
69	GB 2248840	9/1/92	Great Britian			
70	DE 3505287	3/15/88	Germany			
71	DE 2242394	3/14/74	Germany			
72	DE 3440141	5/7/86	Germany			
73	FR 2559783	3/15/88	France			
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<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)  PTO Form 1449 <b>FRIST</b>		Attorney Docket No. <b>56297-5003-20-US</b>	Application No. 10/694,536
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		Filing Date: 10/28/03	Group Art Unit: 1634

75	P 913186	8/15/91	Norway			
76	JP 49-110601	10/22/74	Japan			
77	JP 60-248669	12/9/85	Japan			
78	JP 63-084499	4/15/88	Japan			
79	JP 63-223557	9/19/88	Japan			
80	JP 1-233447	9/19/89	Japan			
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
1	Sequencing by Hybridization Workshop, listing of participants and workshop presentation summaries (1991)					
2	"A Sequencing Reality Check," <u>Science</u> , 242:1245 (1988)					
3	"Affymax raises \$25 million to develop high-speed drug discovery system," <u>Biotechnology News</u> , 10(3):7-8 (1990)					
4	"Preparation of fluorescent-labeled DNA and its use as a probe in molecular hybridization," <u>Bioorg Khim</u> , 12(11):1508-1513 (1986)					
5	Abbott et al., "Manipulation of the Wettability of Surfaces on the 0.1 - to 1 -Micrometer Scale Through Micromachining and Molecular Self-Assembly," <u>Science</u> , 257:1380-1382 (1992)					
6	Adams et al., "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project," <u>Science</u> , 252(5013):1651-1656 (1991)					
7	Adams et al., "Photolabile Chelators That "Cage" Calcium with Improved Speed of Release and Pre-Photolysis Affinity," <u>J. Gen. Physiol.</u> , pg. 9a (12/86)					
8	Adams et al., "Biologically Useful Chelators That Take Up Ca <sup>2+</sup> upon Illumination," <u>J. Am. Chem. Soc.</u> , 111:7957-7968 (1989)					
9	Amit et al., "Photosensitive Protecting Groups of Amino Sugars and Their Use in Glycoside Synthesis. 2-Nitrobenzyloxycarbonylamino and 6-Nitroveratryloxycarbonylamino Derivatives," <u>J. Org. Chem.</u> , 39(2):192-196 (1974)					
10	Amit et al., "Photosensitive Protecting Groups - A Review," <u>Israel J. Chem.</u> , 12(1-2):103-113 (1974)					
11	Applied Biosystems, Model 431A Peptide Synthesizer User's manual, Sections 2 and 6, (8/15/89)					
12	Ajayaghosh et al., "Solid-Phase Synthesis of N-Methyl- and N-Ethylamides of Peptides Using Photolytically Detachable ((3-Nitro-4((alkylamino)methyl)benzamido)methyl)polystyrene Resin," <u>J. Org. Chem.</u> , 55(9):2826-2829 (1990)					
13	Ajayaghosh et al., "Solid-phase synthesis of C-terminal peptide amides using a photoremovable $\alpha$ -methylphenacylamido anchoring linkage," <u>Proc. Ind. Natl. Sci (Chem.Sci.)</u> , 100(5):389-396 (1988)					
14	Ajayaghosh et al., "Polymer-supported Solid-phase Synthesis of C-Terminal Peptide N-Methylamides Using a Modified Photoremovable 3-Nitro-4-N-methylaminomethylpolystyrene Support," <u>Ind.J.Chem.</u> , 27B:1004-1008 (1988)					
15	Ajayaghosh et al., "Polymer-Supported Synthesis of Protected Peptide Segments on a Photosensitive o-Nitro( $\alpha$ -Methyl)Bromobenzyl Resin," <u>Tetrahedron</u> , 44(21):6661-6666 (1988)					
16	Arnold et al., "A Novel Universal Support for DNA & RNA Synthesis," abstract from <u>Federation Proceedings</u> , 43(7): abstract no. 3669 (1984)					
17	Atherton et al., Solid Phase Peptide Synthesis: A Practical Approach, IRL Press, (1989), tbl. of cont., pp. vii-ix					
18	Augenlicht et al., "Cloning and Screening of Sequences Expressed in a Mouse Colon Tumor," <u>Cancer Research</u> , 42:1088-1093 (1982)					
19	Augenlicht et al., "Expression of Cloned Sequences in Biopsies of Human Colonic Tissue and in Colonic Carcinoma Cells Induced to Differentiate <i>in Vitro</i> ," <u>Cancer Res.</u> , 47:6017-6021 (1987)					
20	Bains, W., "Hybridization Methods for DNA Sequencing," <u>Genomics</u> , 11(2):294-301 (1991)					

/Jeanine Goldberg/

06/22/2006

# INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

PTO Form 1449

FIRST

Attorney Docket No.  
56297-5003-20-US

Application No. 10/694,536

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Filing Date: 10/28/03

Group Art Unit: 1634

21	Bains et al., "A Novel Method for Nucleic Acid Sequence Determination," <u>J.Theor.Biol.</u> , 135:303-307 (1988)
22	Bains, W., "Alternative Routes Through the Genome," <u>Biotechnology</u> , 8:1251-1256 (1988)
23	Balachander et al., "Functionalized Siloxy-Anchored Monolayers with Exposed Amino, Azido, Bromo, or Cyano Groups," <u>Tetrahed. Ltrs.</u> , 29(44):5593-5594 (1988)
24	Baldwin et al., "New-Photolabile Phosphate Protecting Groups," <u>Tetrahed.</u> , 46(19):6879-6884 (1990)
25	Barltrop et al., "Photosensitive Protective Groups," <u>Chemical Communications</u> , pgs. 822-823 (1966)
26	Barinaga, M., "Will 'DNA Chip' Speed Genome Initiative," <u>Science</u> , 253:1489 (1985)
27	Bart et al., "Microfabricated Electrohydrodynamic Pumps," <u>Sensors and Actuators</u> , A21-A23:193-197 (1990)
28	Bartsh et al., "Cloning of mRNA sequences from the human colon: Preliminary characterisation of defined mRNAs in normal and neoplastic tissues," <u>Br.J.Can.</u> , 54:791-798 (1986)
29	Baum, R., "Fledgling firm targets drug discovery process," <u>Chem. Eng. News</u> , p. 10-11 (1990)
30	Beltz et al., "Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods," <u>Methods in Enzymology</u> , 100:266-285 (1983)
31	Benschop, Chem. Abstracts 114(26):256643 (1991)
32	Bhatia et al., "New Approach To Producing Patterned Biomolecular Assemblies," <u>J. American Chemical Society</u> , 114:4432-4433 (1992)
33	Biorad <sup>®</sup> Chromatography Electrophoresis Immunochemistry Molecular Biology HPLC catalog M 1987 pp. 182
34	Blawas et al., "Step-and-Repeat Photopatterning of Protein Features Using Caged-Biotin-BSA: Characterization and Resolution," <u>Langmuir</u> , 14(15):4243-4250 (1998)
35	Blawas, A.S., "Photopatterning of Protein Features using Caged-biotin-Bovine Serum Albumin," dissertation for Ph.D at Duke University in 1998
36	Bos et al., "Amino-acid substitutions at codon 13 of the N-ras oncogene in human acute myeloid leukaemia," <u>Nature</u> , 315:726-730 (1985)
37	Boyle et al., "Differential distribution of long and short interspersed element sequences in the mouse genome: Chromosome karyotyping by fluorescence <i>in situ</i> hybridization," <u>PNAS</u> , 87:7757-7761 (1990)
38	Brock et al., "Rapid fluorescence detection of <i>in situ</i> hybridization with biotinylated bovine herpesvirus-1 DNA probes," <u>J.Veterinary Diagnostic Invest.</u> , 1:34-38 (1989)
39	Burgi et al., "Optimization in Sample Stacking for High-Performance Capillary Electrophoresis," <u>Anal. Chem.</u> , 63:2042-2047 (1991)
40	Cameron et al., "Photogeneration of Organic Bases from o-Nitrobenzyl-Derived Carbamates," <u>J. Am. Chem. Soc.</u> , 113:4303-4313 (1991)
41	Carrano et al., "A High-Resolution, Fluorescence-Based, Semiautomated Method for DNA Fingerprinting," <u>Genomics</u> , 4:129-136 (1989)
42	Caruthers, M.H., "Gene Synthesis Machines: DNA Chemistry and Its Uses," <u>Science</u> , 230:281-285 (1985)
43	Chatterjee et al., "Inducible Alkylation of DNA Using an Oligonucleotide-Quinone Conjugate," <u>Am. J. Chem. Soc.</u> , 112:6397-6399 (1990)
44	Chee et al., "Accessing Genetic Information with High-Density DNA Arrays," <u>Science</u> , 274:610-614 (1996)
45	Chehab et al., "Detection of sickle cell anaemia mutation by colour DNA amplification," <u>Lancet</u> , 335:15-17 (1990)
46	Chehab et al., "Detection of specific DNA sequences by fluorescence amplification: A color complementation assay," <u>PNAS</u> , 86:9178-9182 (1989)
47	Clevite Corp., Piezoelectric Technology, Data for Engineers
48	Corbett et al., "Reaction of Nitroso Aromatics with Glyoxylic Acid. A New Path to Hydroxamic Acids," <u>J. Org. Chem.</u> , 45:2834-2839 (1980)

<b>INFORMATION DISCLOSURE STATEMENT</b>		Attorney Docket No. 56297-5003-20-US	Application No. 10/694,536
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PTO Form 1449	<b>FIRST</b>	Filing Date: 10/28/03	Group Art Unit: 1634

49	Craig et al., "Ordering of cosmid clones covering the Herpes simplex virus type 1 (HSV-1) genome: a test case for fingerprinting by hybridization," <u>Nuc. Acid. Res.</u> , 18(9):2653-2660 (1990)
50	Cummings et al., "Photoactivable Fluorophores. 1. Synthesis and Photoactivation of o-Nitrobenzyl-Quenched Fluorescent Carbamates," <u>Tetrahedron Letters</u> , 29(1):65-68 (1988)
51	Diggelmann, "Investigating the VLSIPS synthesis process," 9/9/94
52	Di Mauro et al., "DNA Technology in Chip Construction," <u>Adv. Mater.</u> , 5(5):384-386 (1993)
53	Drmanac et al., "Partial Sequencing by Oligo-Hybridization Concept and Applications in Genome Analysis," 1st Int. Conf. Electrophor., Supercomp., Hum. Genome pgs. 60-74 (1990)
54	Drmanac et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program?," 1st Int. Conf. Electrophor., Supercomp., Hum. Genome pgs. 47-59 (1990)
55	Drmanac et al., "Laboratory Methods, Reliable Hybridization of Oligonucleotides as Short as Six Nucleotides," <u>DNA and Cell Biol.</u> , 9(7):527-534 (1990)
56	Drmanac et al., "Sequencing of Megabase Plus DNA by Hybridization: theory of the Method," <u>Genomics</u> , 4:114-128 (1989)
57	Drmanac et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method," abstract of presentation given at Cold Spring Harbor Symposium on Genome Mapping and Sequencing, 4/27/88 thru 5/1/88
58	Dulcey et al., "Deep UV Photochemistry of Chemisorbed Monolayers: Patterned Coplanar Molecular Assemblies," <u>Science</u> , 252:551-554 (1991)
59	Duncan et al., "Affinity Chromatography of a Sequence-Specific DNA Binding Protein Using Teflon-Linked Oligonucleotides," <u>Analytical Biochemistry</u> , 169:104-108 (1988)
60	Effenhäuser et al., "Glass Chips for High-speed Capillary Electrophoresis Separations with Submicrometer Plate Heights," <u>Anal. Chem.</u> , 65:2637-2642 (1993)
61	Effenhäuser et al., "High-Speed Separation of Antisense Oligonucleotides on a Micromachined Capillary Electrophoresis Device," <u>Anal. Chem.</u> , 66:2949-2953 (1994)
62	Ekins et al., "High Specific Activity Chemiluminescent and Fluorescent Markers: their Potential Application to High Sensitivity and 'Multi-analyte' Immunoassays," <u>J. Bioluminescence Chemiluminescence</u> , 4:59-78 (1989)
63	Ekins et al., "Development of Microspot Multi-Analyte Ratiometric Immunoassay Using dual Fluorescent-Labelled Antibodies," <u>Anal. Chimica Acta</u> , 227:73-96 (1989)
64	Ekins et al., "Multianalyte Microspot Immunoassay-Microanalytical 'Compact Disk' of the Future," <u>Clin. Chem.</u> , 37(11):1955-1967 (1991)
65	Ekins, R.P., "Multi-Analyte immunoassay*," <u>J. Pharmaceut. Biomedical Analysis</u> , 7(2):155-168 (1989)
66	Ekins et al., "Fluorescence Spectroscopy and its Application to a New Generation of High Sensitivity, Multi-Microspot, Multianalyte, Immunoassay," <u>Clin. Chim. Acta</u> , 194:91-114 (1990)
67	Evans et al., "Microfabrication for Automation of Molecular processes in Human Genome Analysis," <u>Clin. Chem.</u> , 41(11):1681 (1995)
68	Evans et al., "Physical mapping of complex genomes by cosmid multiplex analysis," <u>PNAS</u> , 86:5030-5034 (1989)
69	Ezaki et al., "Small-Scale DNA Preparation for Rapid Genetic Identification of <i>Campylobacter</i> Species without Radioisotope," <u>Microbiol. Immunology</u> , 32(2):141-150 (1988)
70	Fan et al., "Mapping small DNA sequences by fluorescence <i>in situ</i> hybridization directly on banded metaphase chromosomes," <u>PNAS</u> , 87(16):6223-6227 (1990)
71	Fan et al., "Micromachining of Capillary Electrophoresis Injectors and Separators on Glass Chips and Evaluation of Flow at Capillary Intersections," <u>Anal. Chem.</u> , 66:177-184 (1994)
72	Fettingner et al., "Stacked modules for micro flow systems in chemical analysis: concept and studies using an enlarged model," <u>Sensors and Actuators</u> , B17:19-25 (1993)
73	/ Jean-Marie Colchère, "Coherent interferometric alignment technique," <u>App. Phys. Lett.</u> , 31(7):426-429 (1977)

<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)  PTO Form 1449 <b>FIRST</b>		Attorney Docket No. 56297-5003-20-US	Application No. 10/694,536
		Applicants: Stephen P.A. FODOR <i>et al.</i>	
		Filing Date: 10/28/03	Group Art Unit: 1634

74	Fodor et al., "Multiplexed biochemical assays with biological chips," <i>Nature</i> , 364:555-556 (1993)
75	Fodor et al., "Light-directed, Spatially Addressable Parallel Chemical Synthesis," <i>Science</i> , 251:767-773 (1991)
76	Forman et al., "Thermodynamics of Duplex Formation and Mismatch Discrimination on Photolithographically Synthesized Oligonucleotide Arrays," chapter 13pgs. 206-228 from <i>Molecular Modeling of Nucleic Acids</i> , ACS Symposium Series 682, 4/13-17/97, Leontis et al., eds.
77	Frank et al., "Simultaneous Multiple Peptide Synthesis Under Continuous flow Conditions on Cellulose Paper Discs as Segmental Solid Supports," <i>Tetrahedron</i> , 44(19):6031-6040 (1988)
78	Frank et al., "Automation of DNA Sequencing Reactions and Related Techniques: A Workstation for Micromanipulation of Liquids," <i>Bio/Technology</i> , 6:1211-1212 (1988)
79	Frank et al., "Simultaneous Synthesis and Biological Applications of DNA Fragments: An Efficient and Complete Methodology," <i>Methods in Enzymology</i> , 154:221-250 (1987)
80	Fuhr et al., "Travelling wave-driven microfabricated electrohydrodynamic pumps for liquids," <i>J. Micromech. Microeng.</i> , 4:217-226 (1994)
81	Fuller et al., "Urethane-Protected Amino Acid N-Carboxy Anhydrides and Their Use in Peptide Synthesis," <i>J. Amer. Chem. Soc.</i> , 112(20):7414-7416 (1990)
82	Furka et al., "General method for rapid synthesis of multicomponent peptide mixtures," <i>Int. J. Peptide Protein Res.</i> , 37:487-493 (1991)
83	Furka et al., "Cornucopia of Peptides by Synthesis," 14th Int. Congress of Biochem. abst.# FR:013, 7/10-15/88 Prague, Czechoslovakia
84	Furka et al., "More Peptides by Less Labour," abst. 288, Int. Symp. Med. Chem., Budapest Hungary 8/15-19/88
85	Gait, eds., pages 1-115 from <i>Oligonucleotide Synthesis: A Practical Approach</i> , IRL Press, (1984)
86	Gazard et al., "Lithographic Technique Using Radiation-Induced Grafting of Acrylic Acid into Poly(Methyl Methacrylate) Films," <i>Polymer Engineering and Science</i> , 20(16):1069-1072 (1980)
87	Gergen et al., "Filter replicas and permanent collections of recombinant DNA plasmids," <i>Nuc. Acids Res.</i> , 7(8):2115-2137 (1979)
88	Getzoff et al., "Mechanisms of Antibody Binding to a Protein," <i>Science</i> , 235:1191-1196 (1987)
89	Geysen et al., "Strategies for epitope analysis using peptide synthesis," <i>J. Immunol. Meth.</i> , 102:259-274 (1987)
90	Geysen et al., "Use of peptide synthesis to probe viral antigens for epitopes to a resolution of a single amino acid," <i>PNAS</i> , 81:3998-4002 (1984)
91	Geysen et al., "A synthetic strategy for epitope mapping," from <i>Peptides: Chem. &amp; Biol.</i> , Proc. of 10th Am. Peptide Symp., 5/23-28/87, pp. 519-523, (1987)
92	Geysen, "Antigen-antibody interactions at the molecular level: adventures in peptide synthesis," <i>Immunol. Today</i> , 6(12):364-369 (1985)
93	Geysen et al., "Cognitive Features of Continuous Antigenic Determinants," from <i>Synthetic Peptides: Approaches to Biological Probes</i> , pp. 19-30, (1989)
94	Geysen et al., "Chemistry of Antibody Binding to a Protein," <i>Science</i> , 235:1184-1190 (1987)
95	Geysen et al., "The delineation of peptides able to mimic assembled epitopes," 1986 CIBA Symp., pp. 130-149
96	Geysen et al., "Cognitive Features of Continuous Antigenic Determinants," <i>Mol. Recognit.</i> , 1(1):1-10 (1988)
97	Geysen et al., "A <i>Priori</i> Delineation of a Peptide Which Mimics A Discontinuous Antigenic Determinant," <i>Mol. Immunol.</i> , 23(7):709-715 (1986)
98	Gillon et al., "Backbone Cyclization: A New Method for Conferring Conformational Constraint on Peptides," <i>Biopolymers</i> , 31(6):745-750 (1991)
99	Gingeras et al., "Hybridization properties of immobilized nucleic acids," <i>Nuc. Acids Res.</i> , 15(13):5373-5390 (87)
100	Gummerlock et al., "RAS Enzyme-Linked Immunoblot Assay Discriminates p21 Species: A Technique to Dissect Gene Family Expression," <i>Anal. Biochem.</i> , 180:158-168 (1989)

/Jeanine Goldberg/

06/22/2006

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	Applicants: Stephen P.A. FODOR <i>et al.</i>	
	Filing Date: 10/28/03	Group Art Unit: 1634

101	Gurney et al., "Activation of a potassium current by rapid photochemically generated step increases of intracellular calcium in rat sympathetic neurons," <u>PNAS</u> , 84:3496-3500 (1987)
102	Haase et al., "Detection of Two Viral Genomes in Single Cells by Double-Label Hybridization in Situ and Color Microradioautography," <u>Science</u> , 227:189-192 (1985)
103	Hacia, et al., "Two color hybridization analysis using high density oligonucleotide arrays and energy transfer dyes," <u>Nuc. Acids Res.</u> , 26(16):3865-3866 (1998)
104	Hack, M.L., "Conics Formed to Make Fluid & Industrial Gas Micromachines," <u>Genetic Engineering News</u> , 15(18):1, 29 (1995)
105	Hagedorn et al., "Pumping of Water Solutions in Microfabricated Electrohydrodynamic Systems," from Micro Electro Mechanical Systems conference in Travemunde Germany (1992)
106	Hames et al., <u>Nuclear acid hybridization, a practical approach</u> , cover page and table of contents (1985)
107	Hanahan et al., "Plasmid Screening at High Colony Density," <u>Meth. Enzymology</u> , 100:333-342 (1983)
108	Hanahan et al., "Plasmid screening at high colony density," <u>Gene</u> , 10:63-67 (1980)
109	Haridasan et al., "Peptide Synthesis using Photolytically Cleavable 2-Nitrobenzyloxycarbonyl Protecting Group," <u>Proc. Indian Natn. Sci. Acad.</u> , 53A(6):717-728 (1987)
110	Harrison et al., "Capillary Electrophoresis and Sample Injection Systems Integrated on a Planar Glass Chip," <u>Anal. Chem.</u> , 64:1926-1932 (1992)
111	Harrison et al., "Micromachining a Minaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip," <u>Science</u> , 261:895-897 (1993)
112	Harrison et al., "Towards minaturized electrophoresis and chemical analysis systems on silicon: an alternative to chemical sensors*," <u>Sensors and Actuators</u> , B10:107-116 (1993)
113	Harrison et al., "Rapid separation of fluorescein derivatives using a micromachined capillary electrophoresis system," <u>Analytica Chimica Acta</u> , 283:361-366 (1993)
114	Heilberg et al., "Minimum analogue peptide sets (MAPS) for quantitative structure-activity relationships," <u>Int. J. Peptide Protein Res.</u> , 37:414-424 (1991)
115	Hilser et al., "Protein and peptide mobility in capillary zone electrophoresis, A comparison of existing models and further analysis," <u>J. Chromatography</u> , 630:329-336 (1993)
117	Ho et al., "Highly Stable Biosensor Using an Artificial Enzyme," <u>Anal. Chem.</u> , 59:536-537 (1987)
118	Hochgeschwender et al., "Preferential expression of a defined T-cell receptor $\beta$ -chain gene in hapten-specific cytotoxic T-cell clones," <u>Nature</u> , 322:376-378 (1986)
119	Hodgson, J., "Assays A La Photolithography," <u>Biotech.</u> , 9:419 (1991)
120	Hopman et al., "Bi-color detection of two target DNAs by non-radioactive in situ hybridization*," <u>Histochem.</u> , 85:1-4 (1986)
121	Iwamura et al., "1-Pyrenylmethyl Esters, Photolabile Protecting Groups for Carboxylic Acids," <u>Tetrahedron Ltrs.</u> , 28(6):679-682 (1987)
122	Iwamura et al., "1-( $\alpha$ -Diazobenzyl)pyrene: A Reagent for Photolabile and Fluorescent Protection of Carboxyl Groups of Amino Acids and Peptides," <u>Synlett</u> , p. 35-36 (1991)
123	Jacobson et al., "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices," <u>Anal. Chem.</u> , 66:1107-1113 (1994)
124	Jacobsen et al., "Open Channel Electrochromatography on a Microchip," <u>Anal. chem.</u> , 66:2369-2373 (1994)
125	Jacobson et al., "Microchip Capillary Electrophoresis with an Integrated Postcolumn Reactor" <u>Anal. Chem.</u> , 66:3472-3476 (1994)
126	Jacobson et al., "Precolumn Reactions with Electrophoretic Analysis Integrated on a Microchip," <u>Anal. Chem.</u> , 66:4127-4132 (1994)
127	Jacobson et al., "Microfabricated chemical measurement systems," <u>Nature Medicine</u> , 1(10):1093-1096 (1995)
128	Jacobsen et al., "Fused Quartz Substrates for Microchip Electrophoresis," <u>Anal. chem.</u> , 67:2059-2063 (1995)

<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)  PTO Form 1449 <b>FIRST</b>	Attorney Docket No. 56297-5003-20-US	Application No. 10/694,536
	Applicants: Stephen P.A. FODOR <i>et al.</i>	
	Filing Date: 10/28/03	Group Art Unit: 1634

129	Jacobson et al., "High-Speed Separations on a Microchip," <i>Anal. Chem.</i> , 66:1114-1118 (1994)
130	Jacobson et al., "Microchip electrophoresis with sample stacking," <i>Electrophoresis</i> , 16:481-486 (1995)
131	Jayakumari, "Peptide synthesis in a triphasic medium catalysed by papain immobilized on a crosslinked polystyrene support," <i>Indian J. Chemistry</i> , 29B:514-517 (1990)
132	Kaiser et al., "Peptide and Protein Synthesis by Segment Synthesis-Condensation," <i>Science</i> , 243:187-192 (1989)
133	Kaplan et al., "Photolabile chelators for the rapid photorelease of divalent cations," <i>PNAS</i> , 85:6571-6575 (1988)
134	Karube, "Micro-biosensors based on silicon fabrication technology," chapter 25 from <i>Biosensors: Fundamentals and Applications</i> , Turner et al., eds., Oxford Publ., 1987, pgs. 471-480 (1987)
135	Kates et al., "A Novel, Convenient, Three-dimensional Orthogonal Strategy for Solid-Phase Synthesis of Cyclic Peptides 1-3," <i>Tetrahed. Letters</i> , 34(10):1549-1552 (1993)
136	Kerkof et al., "A Procedure for Making Simultaneous Determinations of the Relative Levels of Gene Transcripts in Tissues or Cells," <i>Anal. Biochem.</i> , 188:349-355 (1990)
137	Khrapko et al., "An Oligonucleotide hybridization approach to DNA sequencing," <i>FEBS Lett.</i> , 256(1,2):118-122 (1989)
138	Kievits et al., "Rapid subchromosomal localization of cosmid by nonradioactive in situ hybridization," <i>Cytogenetics Cell Genetics</i> , 53(2-3):134-136 (1990)
139	Kimura et al., "An Immobilized Enzyme Membrane Fabrication Method using an Ink Jet Nozzle," <i>Biosensors</i> , 4:41-52 (1988)
140	Kimura et al., "An Integrated SOS/FET Multi-Biosensor," <i>Sensors &amp; Actuators</i> , 9:373-387 (1986)
141	Kitazawa et al., "In situ DNA-RNA hybridization using in vivo bromodeoxyuridine-labeled DNA probe," <i>Histochemistry</i> , 92:195-199 (1989)
142	Kleinfeld et al., "Controlled Outgrowth of Dissociated Neurons on Patterned Substrates," <i>J. Neurosci.</i> , 8(11):4098-4120 (1988)
143	Knight, P., "Materials and Methods/Microsequencers for Proteins and Oligosaccharides," <i>Bio/Tech.</i> , 7:1075-76 (1989)
144	Kohara et al., "The Physical Map of the Whole E. coli Chromosome: Application of a New Strategy for Rapid Analysis and Sorting of a Large Genomic Library," <i>Cell</i> , 50:495-508 (1987)
145	Krile et al., "Multiplex holography with chirp-modulated binary phase-coded reference-beam masks," <i>Applied Opt.</i> , 18(1):52-56 (1979)
146	Labat, I., "Subfragments as an informative characteristic of the DNA molecule - computer simulation," research report submitted to the University of Belgrade College of Natural Sciences and Mathematics, (1988)
147	Lainer et al., "Human Lymphocyte Subpopulations Identified by Using Three-Color Immunofluorescence and Flow Cytometry Analysis: Correlation of Leu-2, Leu-3, Leu-7, Leu-8, and Leu-11 Clee Surface Antigen Expression," <i>Journal of Immunology</i> , 132(1):151-156 (1984)
148	Lam et al., "A new type of synthetic peptide library for identifying ligand-binding activity," <i>Nature</i> , 354:82-84 (1991)
149	Laskey et al., "Messenger RNA prevalence in sea urchin embryos measured with cloned cDNAs," <i>PNAS</i> , 77(9):5317-5321 (1980)
150	Lee et al., "synthesis of a Polymer Surface Containing Covalently Attached Triethoxysilane Functionality: Adhesion to Glass," <i>Macromolecules</i> , 21:3353-3356 (1988)
151	Lehrach et al., "Labelling oligonucleotides to high specific activity (I)," <i>Nuc. Acids Res.</i> , 17(12):4605-4610 (89)
152	Lehrach et al., "Phage Vectors - EMBL Series," <i>Meth. Enzymology</i> , 153:103-115 (1987)
153	Levy, M.F., "Preparing Additive Printed Circuits," <i>IBM Tech. Discl. Bull.</i> , 9(11):1473 (1967)



<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)  PTO Form 1449 <u>FIRST</u>	Attorney Docket No. 56297-5003-20-US	Application No. 10/694,536
	Applicants: Stephen P.A. FODOR <i>et al.</i>	
	Filing Date: 10/28/03	Group Art Unit: 1634

154	Lichter et al., "High-Resolution Mapping of Human Chromosome 11 by in Situ hybridization with Cosmid Clones," <i>Science</i> , 247:64-69 (1990)
155	Lichter et al., "Fluorescence <i>in situ</i> hybridization with <i>Alu</i> and L1 polymerase chain reaction probes for rapid characterization of human chromosomes in hybrid cell lines," <i>PNAS</i> , 87:6634-6638 (1990)
156	Lichter et al., "Rapid detection of human chromosome 21 aberrations by <i>in situ</i> hybridization," <i>PNAS</i> , 85:9664-9668 (1988)
157	Lichter et al., "Is non-isotopic <i>in situ</i> hybridization finally coming of age," <i>Nature</i> , 345:93-94 (1990)
158	Lieberman et al., "A Light source Smaller Than the Optical Wavelength," <i>Science</i> , 247:59-61 (1990)
159	Lipshutz et al., "Using Oligonucleotide Probe Arrays To Access Genetic Diversity," <i>BioTech.</i> , 19(3):442-7 (1995)
160	Liu et al., "Sequential Injection Analysis in Capillary Format with an Electroosmotic Pump," <i>Talanta</i> , 41(11):1903-1910 (1994)
161	Lockhart et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays," <i>Nat. Biotech.</i> , 14:1675-1680 (1996)
162	Logue et al., "General Approaches to Mask Design for Binary Optics," <i>SPIE</i> , 1052:19-24 (1989)
163	Loken et al., "three-color Immunofluorescence Analysis of Leu Antigens on Human Peripheral Blood Using Two Lasers on a Fluorescence-Activated Cell Sorter," <i>Cytoetry</i> , 5:151-158 (1984)
164	Love et al., "Screening of $\lambda$ Library for Differentially Expressed Genes Using <i>in Vitro</i> Transcripts," <i>Anal. Biochem.</i> , 150:429-441 (1985)
165	Lowe, C.R., "Biosensors," <i>Trends in Biotech.</i> , 2:59-65 (1984)
166	Lowe, C.R., "An Introduction to the Concepts and Technology of Biosensors," <i>Biosensors</i> , 1:3-16 (1985)
167	Lowe, C. R., <i>Biotechnology and Crop Improvement and Protection</i> , BCPC Publications, pp. 131-138 (1986)
168	Lowe et al., "Solid-Phase Optoelectronic Biosensors," <i>Methods in Enzymology</i> , 137:338-347 (1988)
169	Lowe, C.R., "Biosensors," <i>Phil. Tran. R. Soc. Lond.</i> , 324:487-496 (1989)
170	Lu et al., "Differential screening of murine ascites cDNA libraries by means of in vitro transcripts of cell-cycle-phase-specific cDNA and digital image processing," <i>Gene</i> , 86:185-192 (1990)
171	Lysov et al., "A new method for determining the DNA nucleotide sequence by hybridization with oligonucleotides," <i>Doklady Biochem.</i> , 303(1-6):436-438 (1989)
172	Lysov et al., "DNA Sequencing by Oligonucleotide Hybridization," <i>First International Conference on Electrophoresis, Supercomputing and the Human Genome</i> , 4/10-13/90 p.157
173	MacDonald et al., "A Rapid ELISA for Measuring Insulin in a Large Number of Research Samples," <i>Metabolism</i> , 38(5):450-452 (1989)
174	Mairanovsky, V.G., "Electro-Deprotection- Electrochemical Removal of Protecting Groups**," <i>Agnew. Chem. Int. Ed. Engl.</i> , 15(5):281-292 (1976)
175	Manz et al., "Miniaturized Total Chemical Analysis Systems: a Novel Concept for Chemical Sensing," <i>Sensors and Actuators</i> , B1:244-248 (1990)
176	Manz et al., "Micromachining of monocrystalline silicon and glass for chemical analysis systems, A look into next century's technology or just a fashionable craze?," <i>Trends in Analytical Chem.</i> , 10(5):144-149 (1991)
177	Manz et al., "Planar chips technology for minaturization and integration of separation techniques into monitoring systems, Capillary electrophoresis on a chip," <i>J. Chromatography</i> , 593:253-258 (1992)
178	Manz et al., "Planar Chips Technology for Miniaturization of Separation Systems: A Developing Perspective in Chemical Monitoring," chapter 1, 1-64 (1993)
179	Manz et al., "Electroosmotic pumping and electrophoretic separations for minaturized chemical analysis systems," <i>J. Micromech. Microeng.</i> , 4:257-265 (1994)
180	Masiakowski et al., "Cloning of cDNA sequences of hormone-regulated genes from the MCF-7 human breast cancer cell line," <i>Nuc. Acids Res.</i> , 10(24):7895-7903 (1982)

/Jeanine Goldberg/

06/22/2006

<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)  PTO Form 1449 <b>FIRST</b>	Attorney Docket No. <b>56297-5003-20-US</b>	Application No. 10/694,536
	Applicants: Stephen P.A. FODOR <i>et al.</i>	
	Filing Date: 10/28/03	Group Art Unit: 1634

181	Matsumoto et al., "Preliminary Investigation of Micropumping Based on Electrical Control of Interfacial Tension," <u>IEEE</u> , pgs. 105-110 (1990)
182	Matsuzawa et al., "Containment and growth of neuroblastoma cells on chemically patterned substrates," <u>J. Neurosci. Meth.</u> , 50:253-260 (1993)
183	McCray et al., "Properties and Uses of Photoreactive Caged Compounds," <u>Ann. Rev. Biophys. Biophys. Chem.</u> , 18:239-270 (1989)
184	McGall et al., "The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates," <u>J. American Chem. Soc.</u> , 119(22):5081-5090 (1997)
185	McGillis, VLSI Technology, Sze, eds., Chapter 7, "Lithography," pp. 267-301 (1983)
186	McMurray, J.S., "Solid Phase Synthesis of a Cyclic Peptide Using Fmoc Chemistry," <u>Tetrahedron Letters</u> , 32(52):7679-7682 (1991)
187	Meinkoth et al., "Review: Hybridization of Nucleic Acids Immobilized on solid Supports," <u>Analytical Biochem.</u> , 138:267-284 (1984)
188	Melcher et al., "Traveling-Wave Bulk Electroconvection Induced across a Temperature Gradient," <u>Physics of Fluids</u> , 10(6):1178-1185 (1967)
189	Merrifield, R.B., "Solid Phase peptide Synthesis. I. The Synthesis of a Tetrapeptide," <u>J. Am. Chem. Soc.</u> , 85:2149-2154 (1963)
190	Michiels et al., "Molecular approaches to genome analysis: a strategy for the construction of ordered overlapping clone libraries," <u>CABIOS</u> , 3(3):203-10 (1987)
191	Mirzabekov, A.D., "DNA sequencing by hybridization - a megasequencing method and a diagnostic tool?," <u>TIBTECH</u> , 12:27-32 (1994)
192	Monaco et al., "Human Genome Linking with Cosmids and Yeast Artificial Chromosomes", abstract from <u>CSHS</u> , pg. 50, (1989)
193	Morita et al., "Direct pattern fabrication on silicone resin by vapor phase electron beam polymerization," <u>J. Vac. Sci. Technol.</u> , B1(4):1171-1173 (1983)
194	Morrison et al., "Solution-Phase Detection of Polynucleotides Using Interacting Fluorescent Labels and Competitive Hybridization," <u>Anal. Biochem.</u> , 183:231-244 (1989)
195	Munegumi et al., "thermal Synthesis of Polypeptides from N-Boc-Amino Acid (Aspartic Acid, $\beta$ -Aminoglutaric Acid) Anhydrides," <u>Chem. Letters</u> , pgs. 1643-1646 (1988)
196	Mutter et al., "Impact of Conformation on the Synthetic Strategies for Peptide Sequences," pgs. 217-228 from <u>Chemistry of Peptides and Proteins, Vol. 1, Proceedings of the Third USSR-FRG Symp.</u> , in USSR (1982)
197	Nakamori et al., "A Simple and Useful Method for Simultaneous Screening of Elevated Levels of Expression of a Variety of Oncogenes in Malignant Cells," <u>Jpn. J. Cancer Res.</u> , 79:1311-1317 (1988)
198	Nederlof et al., "Multiple Fluorescence In Situ Hybridization," <u>Cytometry</u> , 11:126-131 (1990)
199	Nyborg, W., "Acoustic Streaming," chapter 11 pgs. 265-329 from <u>Physical Acoustics, Principles and Methods</u> , Mason, eds., vol. II, part B, Academic Press, New York and London (1965)
200	Ocvirk et al., "High Performance Liquid Chromatography Partially Integrated onto a Silicon Chip," <u>Analyt. Meth. Instrumentation</u> , 2(2):74-82 (1995)
201	Ohtsuka et al., "Studies on transfer ribonucleic acids and related compounds. IX Ribonucleic oligonucleotide synthesis using a photosensitive 0-nitrobenzyl protection at the 2'-hydroxyl group," <u>Nuc. Acids. Res.</u> , 1(10):1351-1357 (1974)
202	Olefirowicz et al., "Capillary Electrophoresis for Sampling Single Nerve Cells," <u>Chimia</u> , 45(4):106-108 (1991)
203	Patchornik et al., "Photosensitive Protecting Groups," <u>J. Am. Chem. Soc.</u> , 92(21):6333-6335 (1970)
204	Patent Abstracts of Japan from EPO, Abst. 13:557, JP 1-233 447 (1989)
205	Pease et al., "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," <u>PNAS</u> , 91:5022-26 (1994)

/Jeanette Goldberg/

06/22/2006

<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)  PTO Form 1449 <b>FIRST</b>	Attorney Docket No. 56297-5003-20-US	Application No. 10/694,536
	Applicants: Stephen P.A. FODOR <i>et al.</i>	
	Filing Date: 10/28/03	Group Art Unit: 1634      - - -

206	Pevzner, P.A., "1-Tuple DNA Sequencing: Computer Analysis," <u>J. Biomol. Struct. Dynam.</u> , 7(1):63-69 (1989)
207	Pfahler et al., "Liquid Transport in Micron and Submicron Channels," <u>Sensors and Actuators</u> , A21-A23:431-4 (90)
208	Pidgeon et al., "Immobilized Artificial Membrane Chromatography: Supports Composed of Membrane Lipids," <u>Anal. Biochem.</u> , 176:36-47 (89)
209	Pillai, V.N., "Photoremovable Protecting Groups in Organic Synthesis," <u>Synthesis</u> , pgs. 1-26 (1980)
210	Pillai et al., "3-Nitro-4-Aminomethylbenzoylderivate von Polyethylenglykolen: Eine neue Klasse von Photosensitiven loslichen Polymeren Tragem zur Synthese von C-terminalen Peptidamiden," <u>Tetrah. Lett.</u> , # 36 p. 3409-3412 (1979)
211	Pillai et al., "Synthetic Hydrophilic Polymers, Biomedical and Chemical Applications," <u>Naturwissenschaften</u> , 68:558-566 (1981)
212	Pirrung et al., "Proofing of Photolithographic DNA Synthesis with 3'.5'-Dimethoxybenzoinyloxycarbonyl-Protected Deoxynucleoside Phosphoramidites," <u>J. Org. Chem.</u> , 63(2):241-246 (1998)
213	Pirrung et al., "Comparison of Methods for Photochemical Phosphoramidite-Based DNA Synthesis," <u>J. Org. Chem.</u> , 60:6270-6276 (1995)
214	Ploax et al., "Cyclization of peptides on a solid support," <u>Int. J. Peptide Protein Research</u> , 29:162-169 (1987)
215	Polsky-Cynkin et al., "Use of DNA Immobilized on Plastic and Agarose Supports to Detect DNA by Sandwich Hybridization," <u>Clin. Chem.</u> , 31(9):1428-1443 (1985)
216	Poustka et al., "Molecular Approaches to Mammalian Genetics," Cold Spring Harbor Symposia on Quantitive Biology, 51:131-139 (1986)
217	Purushothaman et al., "Synthesis of 4,5-diarylimidazoline-2-thiones and their photoconversion to bis(4,5-diarylimidazol-2-yl) sulphides," <u>Ind. J. Chem.</u> , 29B:18-21 (1990)
218	Quesada et al., "High-Sensitivity DNA Detection with a Laser-Exited Confocal Fluorescence Gel Scanner," <u>Biotechniques</u> , 10:616 (1991)
219	Reichmanis et al., <u>J. Polymer Sci. Polymer Chem. Edition</u> , 23:1-8 (1985)
220	Richter et al., "An Electrohydrodynamic Micropump," <u>IEEE</u> , pgs. 99-104 (1990)
221	Richter et al., "Electrohydrodynamic Pumping and Flow Measurement," <u>IEEE</u> , pgs. 271-276 (1991)
222	Richter et al., "A Micromachined electrohydrodynamic (EHD) pump," <u>Sensors and Actuators</u> , A29:159-168 (91)
223	Robertson et al., "A General and Efficient Route for Chemical Aminoacylation of Transfer RNAs," <u>J. Am. Chem. Soc.</u> , 113:2722-2729 (1991).
224	Rodda et al., "The Antibody Response to Myoglobin-I. Systematic Synthesis of Myoglobin Peptides Reveals Location and Substructure of Species-Dependent Continuous Antigenic Determinants," <u>Mol. Immunol.</u> , 23(6):603-610 (1986)
225	Rodgers, R.P., "Data Processing of Immunoassay Results," <u>Manual of Clin. Lab. Immunol.</u> , 3rd ed., ch. 15, pgs. 82-87 (1986)
226	Rose, D.J., "Free-solution reactor for post-column fluorescence detection in capillary zone electrophoresis," <u>J. Chromatography</u> , 540:343-353 (1991)
227	Rovero et al., "Synthesis of Cyclic Peptides on solid Support," <u>Tetrahed. Letters</u> , 32(23):2639-2642 (1991)
228	Sambrook, <u>Molecular Cloning - A Laboratory Manual</u> , publ. in 1989 (not included)
229	Saiki et al., "Genetic analysis of amplified DNA with immobilized sequence-specific oligonucleotide probes," <u>PNAS</u> , 86:6230-6234 (1989)
230	Saiki et al., "Analysis of enzymatically amplified $\beta$ -globin and HLA-DQ $\alpha$ DNA with Allele-specific oligonucleotide probes," <u>Nature</u> , 324:163-166 (1986)
231	Scharf et al., "HLA class II allelic variation and susceptibility to pemphigus vulgaris," <u>PNAS</u> , 85(10):3504-3508 (1988)

/Jeanine Goldberg/

06/22/2006

<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)  PTO Form 1449 — <b>FIRST</b>	Attorney Docket No. <b>56297-5003-20-US</b>	Application No. 10/694,536
	Applicants: Stephen P.A. FODOR <i>et al.</i>	
	Filing Date: 10/28/03	Group Art Unit: 1634

232	Schuup et al., "Mechanistic Studies of the Photorearrangement of o-Nitrobenzyl Esters," <u>J. Photochem.</u> , 36:85-97 (1987)
233	Seiler et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <u>Anal. Chem.</u> , 65:1481-1488 (1993)
234	Seller et al., "Electroosmotic Pumping and Valveless Control of Fluid Flow within a Manifold of Capillaries on a Glass Chip," <u>Anal. Chem.</u> , 66:3485-3491 (1994)
235	Semmelhack et al., "Selective Removal of Protecting Groups Using Controlled Potential Electrolysis," <u>J. Am. Chem. Society</u> , 94(14):5139-5140 (1972)
236	Sheldon et al., "Matrix DNA Hybridization," <u>Clinical Chemistry</u> , 39(4):718-719 (1993)
237	Shin et al., "Dehydrooligonopeptides. XI. Facile Synthesis of Various Kinds of Dehydrodi- and tripeptides, and Dehydroenkephalins Containing Tyr Residue by Using N-Carboxydehydrotyrosine Anhydride," <u>Bull. Chem. Soc. Jpn.</u> , 62:1127-1135 (1989)
238	Sim et al., "Use of a cDNA Library for Studies on Evolution and Developmental Expression of the Chorion Multigene Families," <u>Cell</u> , 18:1303-1316 (1979)
239	Smith et al., "A Novel Method for Delineating Antigenic Determinants: Peptide Synthesis and Radioimmunoassay Using the Same Solid Support," <u>Immunochemistry</u> , 14:565-568 (1977)
240	Southern et al., "Report on the Sequencing by Hybridization Workshop," <u>Genomics</u> , 13:1378-1383 (1992)
241	Southern et al., "Oligonucleotide hybridisations on glass supports: a novel linker for oligonucleotide synthesis and hybridization properties of oligonucleotides synthesized <i>in situ</i> ," <u>Nuc. Acids Res.</u> , 20(7):1679-1684 (1992)
242	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation Using Experimental Models," <u>Genomics</u> , 13:1008-10017 (1992).
243	Stemme et al., "A valveless diffuser/nozzle-based fluid pump," <u>Sensors and Actuators</u> , A39:159-167 (1993)
244	Stryer, L., "DNA Probes and Genes Can be Synthesized by Automated Solid-Phase Methods," from <u>Biochemistry</u> , Third Edition, published by W.H. Freeman & Co., (1988)
245	Stuber et al., "Synthesis and photolytic cleavage of bovine insulin B22-30 on a nitrobenzoylglycyl-poly (ethylene glycol) support," <u>Int. J. Peptide Protein Res.</u> , 22(3):277-283 (1984)
246	Sundberg et al., "Spatially-Addressable Immobilization of Macromolecules on Solid Supports," <u>J. Am. Chem. Soc.</u> , 117(49):12050-12057 (1995)
247	Swedberg, S.A., "Use of non-ionic and zwitterionic surfactants to enhance selectivity in high-performance capillary electrophoresis, An apparent micellar electrokinetic capillary chromatography mechanism," <u>J. Chromatography</u> , 503:449-452 (1990)
248	Titus et al., "Texas Red, a Hydrophilic, red-emitting fluorophore for use with fluorescein in dual parameter flow microfluorometric and fluorescence microscopic studies," <u>J. Immunol. Meth.</u> , 50:193-204 (1982)
249	Tkachuk et al., "Detection of <i>bcr-abl</i> Fusion in chronic Myelogeneous Leukemia by in situ Hybridization," <u>Science</u> , 250:559-562 (90)
250	Trzeciak et al., "Synthesis of 'Head-to-Tail' Cyclized Peptides on Solid Support by Fmoc Chemistry," <u>Tetrahed. Letters</u> , 33(32):4557-4560 (1992)
251	Tsien et al., "Control of Cytoplasmic Calcium with Photolabile Tetracarboxylate 2-Nitrobenzhydrol Chelators," <u>Biophys. J.</u> , 50:843-853 (1986)
252	Tsutsumi et al., "Expression of L- and M- Type Pyruvate Kinase in Human Tissues," <u>Genomics</u> , 2:86-89 (1988)
253	Turchinskii et al., "Multiple Hybridization in Genome Analysis, Reaction of Diamines and Bisulfate with Cytosine for Introduction of Nonradioactive labels Into DNA," <u>Molecular Biology</u> , 22:1229-1235 (1988)
254	Turner et al., "Photochemical Activation of Acylated $\alpha$ -Thrombin," <u>J. Am. Chem. Soc.</u> , 109:1274-1275 (1987)
255	Urdea et al., "A novel method for the rapid detection of specific nucleotide sequences in crude biological samples without blotting or radioactivity; application to the analysis of hepatitis B virus in human serum," <u>Gene</u> , 61:233-264 (1987)

<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)  PTO Form 1449 <b>FIRST</b>	Attorney Docket No. 56297-5003-20-US	Application No. 10/694,536
	Applicants: Stephen P.A. FODOR <i>et al.</i>	
	Filing Date: 10/28/03	Group Art Unit: 1634

256	Urdea et al., "A comparison of non-radioisotopic hybridization assay methods using fluorescent, chemiluminescent and enzyme labeled synthetic oligodeoxyribonucleotide probes," <u>Nuc. Acids Res.</u> , 16(11):4937-4956 (1988)
257	Van der Voort et al., "Design and Use of a Computer Controlled Confocal Microscope for Biological Applications," <u>Scanning</u> , 7(2):66-78 (1985)
258	Van Hijfte et al., "Intramolecular 1,3-Diyl Trapping Reactions. A Formal Total Synthesis of -Coriolin," <u>J. Organic Chemistry</u> , 50:3942-3944 (1985)
259	Veldkamp, W.B., "Binary optics: the optics technology of the 1990s," <u>CLEO 90</u> , Vol. 7, paper # CMG6 (1990)
260	Verlaan-de Vries et al., "A dot-blot screening procedure for mutated <i>ras</i> oncogenes using synthetic oligodeoxynucleotides," <u>Gene</u> , 50:313-320 (1986)
261	Verpoorte et al., "Three-dimensional micro flow manifolds for miniaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> , 4:246-256 (1994)
262	Volkmut et al., "DNA electrophoresis in microlithographic arrays," <u>Nature</u> , 358:600-602 (1992)
263	Voss et al., "The immobilization of oligonucleotides and their hybridization properties," <u>Biochem. Soc. Transact.</u> , 16:216-217 (1988)
264	Walker et al., "Photolabile Protecting Groups for an Acetylcholine Receptor Ligand. Synthesis and Photochemistry of a New Class of o-Nitrobenzyl Derivatives and their Effects on Receptor Function," <u>Biochemistry</u> , 25:1799-1805 (1986)
265	Wallace et al., "Hybridization of synthetic oligodeoxyribonucleotides to $\Phi\chi$ 174 DNA: the effect of single base pair mismatch," <u>Nuc. Acids Res.</u> , 11(6):3543-3557 (1979)
266	Washizu et al., "Handling Biological Cells Using a Fluid Integrated Circuit," <u>IEEE Transactions Industry Applications</u> , 26(2):352-358 (1990)
267	Werner et al., "Size-Dependent Separation of Proteins Denatured in SDS by Capillary Electrophoresis Using a Replaceable Sieving Matrix," <u>Anal. Biochem.</u> , 212:253-258 (1993)
268	White et al., "An Evaluation of Confocal Versus Conventional Imaging of Biological Structures by Fluorescence Light Microscopy," <u>J. Cell Biol.</u> , 105(1):41-48 (1987)
269	Widacki et al., "Biochemical Differences in Qa-2 Antigens Expressed by Qa-2+,6+ and Qa-2a+,6- Strains. Evidence for Differential Expression of the Q7 and Q9 Genes," <u>Mol. Immunology</u> , 27(6):559-570 (1990)
270	Wilcox et al., "Synthesis of Photolabile 'Precursors' of Amino Acid Neurotransmitters," <u>J. Org. Chem.</u> , 55:1585-1589 (1990)
271	Wilding et al., "PCR in a Silicon Microstructure," <u>Clin. Chem.</u> , 40(9):1815-1818 (1994)
272	Wilding et al., "Manipulation and Flow of Biological Fluids in Straight Channels Micromachined in Silicon," <u>Clin. Chem.</u> , 40(1):43-47 (1994)
273	Wittman-Liebold, eds., <u>Methods in Protein Sequence Analysis</u> , from Proceedings of 7th Int'l Conf., Berlin, Germany, 7/3-8/88, table of contents, pp. xi-xx* (1989)
274	Woolley et al., "Ultra-high-speed DNA fragment separations using microfabricated capillary array electrophoresis chips," <u>PNAS</u> , 91:11348-11352 (1994)
275	Wu et al., "Synthesis and Properties of Adenosine-5'-triphospho- $\gamma$ -5-(5-sulfonic acid)naphthyl Ethylamidate: A Fluorescent Nucleotide Substrate for DNA-Dependent RNA Polymerase from <i>Escherichia coli</i> ," <u>Arch. Biochem. Biophys.</u> , 246(2):564-571 (1986)
276	Wu et al., "Laboratory Methods, Direct Analysis of Single Nucleotide Variation in Human DNA and RNA Using <i>In Situ</i> Dot Hybridization," <u>DNA</u> , 8(2):135-142 (1989)
277	Yamamoto et al., "Features and applications of the laser scanning microscope," <u>J. Mod. Optics</u> , 37(11):1691-1701 (1990)
278	Yarbrough et al., "Synthesis and Properties of Fluorescent Nucleotide Substrates for DNA-dependent RNA Polymerases," <u>J. Biol. Chem.</u> , 254(23):12069-12073 (1979)
279	Yosomiya et al., "Performance, Glass fiber Having Isocyanate Group on the Surface. Preparation and Reaction with Amino Acid," <u>Polymer Bulletin</u> , 12:41-48 (1984)

<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)  PTO Form 1449 <b>FIRST</b>	Attorney Docket No. <b>56297-5003-20-US</b>	Application No. 10/694,536
	Applicants: Stephen P.A. FODOR <i>et al.</i>	
	Filing Date: 10/28/03	Group Art Unit: 1634

280	Young, W.S., "Simultaneous Use of Digoxigenin- and Radiolabeled Oligodeoxyribonucleotide Probes for Hybridization Histochemistry," <u>Neuropeptides</u> , 13:271-275 (1989)
281	Yue et al., "Miniature Field-Flow Fractionation System for Analysis of Blood Cells," <u>Clin. Chem.</u> , 40(9):1810-1814 (1994)
282	Zehavi et al., "Light-Sensitive Glycosides. 1. 6-Nitroveratryl $\beta$ -D-Glucopyranoside and 2-Nitrobenzyl $\beta$ -D-Glucopyranoside," <u>J. Org. Chem.</u> , 37(14):2281-2285 (1972)
283	Zengerle et al., "Transient measurements on miniaturized diaphragm pumps in microfluid systems," <u>Sensors and Actuators</u> , A46-47:557-561 (1995)
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	4,965,188	10/1990	Mullis			
	BR	5,474,796	12/1995	Brennan			
	CR						
	DR						
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FOREIGN PATENT DOCUMENTS							English Abstract		Translation Readily Available	
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	OR	GB 2233654	1/1991	U.K.						
	PR	WO 90/00626	1/1990	WIPO						
	QR	WO 93/17126	9/1993	WIPO						
	RR	EP 0 721 016	07/1996	EPO	LOCKHART					
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OTHER (Including in this order: Author, Title, Periodical Name, Date, Page(s), etc.)							English Abstract		Translation Readily Available	
	YR	Perkin Elmer Cetus, Gene Amp DNA Amplification Reagent Kit, Insert, Oct. 1988								
	ZR	Church et al, Proc. Natl. Acad. Sci., 81:1991-1995 (Apr., 1984)								
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	AR						
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AAR	Lander et al, Genomics, 2:231-239 (1988)						
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OTHER (including in this order: Author, Title, Periodical Name, Date, Reprint, Pages, etc.)							English Abstract		Translation Readily Available	
	YR	Pevzner, Algorithmica, 13(1-2):77-105 (1995)								
	ZR	Pevzner et al, Algorithmica, 13(1-2):135-154 (1995)								
	AAR	Pfeifer et al, Science, 246:810-813 (Nov. 10, 19889)								
	BBR	Seed, Nucl. Acids Res., 10(5):1799-1810 (1982)								
	CCR	Wood et al, Proc. Natl. Acad. Sci. USA, 82:1585-1588 (1985)								
	DDR	Feinberg et al, Anal. Biochem., 137:266-267 (1984)								

Examiner

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	WR									
	XR									

OTHER (including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)							English Abstract		Translation Readily Available	
	YR	Pevzner et al, Adv. Applied Math, 14:139-171 (1993)								
	ZR	Schena et al, Proc. Natl. Acad. Sci. USA, 93:10614-10619 (Oct. 1996)								
	AAR									
	BBR									
	CCR									
	DDR									

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PTO Form 1449

**FIRST**

U.S. PATENT DOCUMENTS						
Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 5,077,210	12/1991	EIGLER			01/1989
	BR 5,451,505	09/1995	DOLLINGER			05/1992
	CR 5,565,324	10/1996	STILL			04/1994
	DR 5,573,905	11/1996	LERNER			03/1992
	ER 5,604,097	02/1997	BRENNER			12/1994
	FR 5,635,400	06/1997	BRENNER			06/1995
	GR 5,654,413	08/1997	BRENNER			06/1995
	HR 5,690,894	11/1997	PINKEL			05/1995
	IR 5,770,367	06/1998	SOUTHERN			08/1994
	JR 5,804,563	09/1998	STILL			04/1996
	KR 5,807,683	09/1998	BRENNER			07/1994
	LR 5,846,719	12/1998	BRENNER			12/1998
	MR 5,863,722	01/1999	BRENNER			06/1995
	NR 6,023,540	02/2000	WALT			03/1997
	OR 6,054,270	04/2000	SOUTHERN			09/1997
	PR 6,060,240	05/2000	KAMB			12/1996

FOREIGN PATENT DOCUMENTS						English Abstract		Translation Readily Available	
Document Number	Date MM/YYYY	Country	Inventor Name			Enclosed	No	Enclosed	No
QR DE 3722958	01/1989	Germany	KLEFENZ						X
RR WO 99/60007	11/1999	WIPO	SOUTHERN						

OTHER (including in this order: Author, Title, Periodical Name, Date, Reprint, Pages, etc.)			
SR	Bannwarth	"Gene technology: A challenge for a chemist" <i>Chimia</i> 1987, 41:302-317	
TR	Bannwarth et al.	"A system for the simultaneous chemical synthesis of different DNA fragments on solid support" <i>DNA</i> 1986, 5:413-419	
UR	Brenner et al.	"In vitro cloning of complex mixtures of DNA on microbeads: Physical separation of differentially expressed cDNAs" <i>Proc Natl Acad Sci USA</i> 2000, 97:1665-1670	
VR	Brenner et al.	"Gene expression analysis by massively parallel signature sequencing (MPSS) on microbead arrays" <i>Nature Biotechnology</i> 2000, 18:630-634	
WR	Tyagi	"Taking a census of mRNA populations with microbeads" <i>Nature Biotechnology</i> 2000, 18:597-598	
XR	Wada (chairman)	Hayashibara Intl Workshop on Automatic and High Speed DNA-Base Sequencing 1987 pp. 1-63	

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PTO Form 1449 <b>FIRST</b>		Applicants: Stephen P.A. FODOR <i>et al.</i>	
		Filing Date: 10/28/03	Group Art Unit: 1634

U.S. PATENT DOCUMENTS							
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	5,075,077	12/1991	DURLEY			08/1988
	BR	5,567,809	10/1996	APPLE			04/1993
	CR	5,641,634	07/1997	MANDECKI			11/1995
	DR	5,751,629	05/1998	NOVA			06/1995
	ER						
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FOREIGN PATENT DOCUMENTS						English Abstract		Translation Readily Available	
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	SR								
	TR								
	UR								
	VR								

OTHER (including in this order: Author, Title, Periodical Name, Date, Page(s), etc.)						English Abstract		Translation Readily Available	
	WR	Miller et al. "Detection of bacteria by hybridization of rRNA with DNA-latex and immunodetection of hybrids" J Clin Microbiol 1988, 26:1271-1276							
	XR								
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	AAR								
	BBR								

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	OR	2233654	1/1991	U.K.						
	PR	WO 90/00626	1/1990	WIPO						
	QR	WO 93/17126	9/1993	WIPO						
	RR	0 721 016 A3	07/1996	Europe	Lockhart					
	SR	WO 95/00530	01/1995	PCT	Fodor					
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OTHER (including in this order: Author, Title, Periodical Name, Date, Permanent Pages, etc.)

YR	Perkin Elmer Cetus, Gene Amp DNA Amplification Reagent Kit, insert, Oct. 1988			
ZR	Church et al, Proc. Natl. Acad. Sci., 81:1991-1995 (Apr., 1984)			
AAR	Chetverin et al, Bio/Technology, 12:1093-1099 (Nov. 1994)			
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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary) <b>PTO Form 1449      SECOND</b>				Attorney Docket No. <b>056297-5003-20-US</b>		Application No.: <b>10/694,536</b>	
				Applicant: <b>Stephen P. A. FODOR <i>et al.</i></b>		<b>PAGE 1 of 3</b>	
				Filing Date: <b>October 28, 2003</b>		Group Art Unit: <b>1634</b>	

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date	
	3,730,844	05/01/73	Gilham <i>et al.</i>				
	4,121,222	10/17/78	Diebold <i>et al.</i>				
	4,216,245	08/05/80	Johnson				
	4,500,919	02/19/85	Schreiber				
	4,533,682	08/06/82	Tortorello <i>et al.</i>				
	4,556,643	12/03/85	Paau <i>et al.</i>				
	4,563,419	01/07/86	Ranki <i>et al.</i>				
	4,588,682	05/13/86	Groet <i>et al.</i>				
	4,591,570	05/27/86	Chang				
	4,598,049	07/01/86	Zelinka <i>et al.</i>				
	4,656,127	04/07/87	Mundy				
	4,670,380	06/02/87	Dattagupta				
	4,683,195	07/28/87	Mullis <i>et al.</i>				
	4,715,413	12/29/87	Backlund <i>et al.</i>				
	4,716,106	12/29/87	Chiswell				
	4,719,179	01/12/88	Barany				
	4,737,344	04/12/88	Koizumi <i>et al.</i>				
	4,766,062	08/23/88	Diamond <i>et al.</i>				
	4,767,700	08/30/88	Wallace				
	4,811,218	03/07/89	Hunkapiller <i>et al.</i>				
	4,877,745	10/31/89	Hayes <i>et al.</i>				
	4,921,805	05/01/90	Gebeyehu <i>et al.</i>				
	4,931,384	06/05/90	Layton <i>et al.</i>				
	5,006,464	04/09/91	Chu <i>et al.</i>				
	5,011,770	04/30/91	Kung <i>et al.</i>				
	5,013,669	05/07/91	Peters, Jr. <i>et al.</i>				
	5,028,545	07/02/91	Soini				
	5,037,882	08/06/91	Steel				
	5,064,754	11/12/91	Mills				
	5,077,085	12/31/91	Schnur <i>et al.</i>				
	5,077,210	12/31/91	Eigler <i>et al.</i>				
	5,096,807	03/17/92	Leaback				
	5,100,626	03/31/92	Levin				
	5,100,777	03/31/92	Chang				
	5,149,625	09/22/92	Church <i>et al.</i>				
	5,164,319	11/17/92	Hafeman <i>et al.</i>				
	5,171,695	12/15/92	Ekins				
	5,188,963	02/23/93	Stapleton				
	5,219,726	06/15/93	Evans				
	5,225,326	07/06/93	Bresser <i>et al.</i>				
	5,328,824	07/12/94	Ward <i>et al.</i>				
	5,424,188	06/13/95	Schneider <i>et al.</i>				
	5,432,099	06/11/95	Ekins				
	5,474,796	12/12/95	Brennan				
	5,494,810	02/27/96	Barany <i>et al.</i>				

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<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)  <b>PTO Form 1449      SECOND</b>				Attorney Docket No. <b>056297-5003-20-US</b>		Application No.: <b>10/694,536</b>	
				<b>PAGE 2 of 3</b>			
				Applicant: <b>Stephen P. A. FODOR <i>et al.</i></b>		Filing Date: <b>October 28, 2003</b>	
				Group Art Unit: <b>1634</b>			

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date	
	5,569,584	10/29/96	Augenlicht				
	5,599,720	02/04/97	Ekins				
	5,604,099	02/18/97	Erlich <i>et al.</i>				
	5,643,728	07/01/97	Slater <i>et al.</i>				
	5,776,737	07/07/98	Dunn				
	5,869,237	02/09/99	Ward <i>et al.</i>				
	5,972,619	10/26/99	Drmanac <i>et al.</i>				
	6,018,041	01/25/00	Drmanac <i>et al.</i>				
	6,025,136	02/15/00	Drmanac <i>et al.</i>				
	6,040,166	03/21/00	Erlich <i>et al.</i>				
	6,054,270	04/25/00	Southern				

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Cla	Translation YES NO	
	EP 130 523	06/01/88	Europe				
	EP 142 299	12/19/90	Europe				
	EP 174 879	03/19/86	Europe			Yes	
	EP 535 242	09/03/97	Europe				
	WO 88/01058	02/11/88	WIPO				
	WO 90/05789	05/31/90	WIPO				
	WO 90/07582	07/12/90	WIPO				
	WO 91/00868	01/24/91	WIPO				
	WO 97/31256	08/28/97	WIPO				
	WO 97/45559	12/04/97	WIPO				
	WO 98/03673	01/29/98	WIPO				
	CA 1284931	06/19/91	Canada				
	YU 18617/87	09/18/87	Yugoslavia				
	YU P-570/87	04/01/87	Yugoslavia				

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<b>PAGE 3 of 3</b>		
Filing Date: October 28, 2003		Group Art Unit: 1634

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Anand <i>et al.</i> , "A 3.5 genome equivalent multi access YAC library: construction, characterisation, screening and storage," <i>Nuc. Acids Res.</i> , 18(8):1951-1956 (1990).
	Anderson <i>et al.</i> , "Quantitative Filter Hybridisation," chapter 3 from <i>Nucleic Acid Hybridization a practical approach</i> , pgs. 73-111, Hames <i>et al.</i> , IRL Press (1985).
	Barany, F., "Genetic disease detection and DNA amplification using cloned thermostable ligase," <i>PNAS</i> , 88:189-193 (1991).
	Church <i>et al.</i> , "Multiplex DNA sequencing," <i>Science</i> , 240:185-188 (1988).
	Dattagupta <i>et al.</i> , "Rapid identification of Microorganisms by Nucleic Acid Hybridization after Labeling the Test Sample," <i>Anal. Biochem.</i> , 17:85-89 (1989).
	Dattagupta <i>et al.</i> , "Nucleic Acid Hybridization: a Rapid Method for the Diagnosis of Infectious Diseases," <i>Perspectives in Antiinfective Therapy</i> , eds. Jackson <i>et al.</i> , pages 241-247 (1988).
	Ghosh <i>et al.</i> , "Covalent attachment of oligonucleotides to solid supports," <i>Nuc. Acids Res.</i> , 15(13):5353-5373 (1987).
	Jovin <i>et al.</i> , "Luminescence Digital Imaging Microscopy," <i>Ann. Rev. Biophys. Biophys. Chem.</i> , 18:271-308 (1989).
	Kafatos <i>et al.</i> , "Determination of nucleic acid sequence homologies and relative concentrations by a dot hybridization procedure," <i>Nuc. Acids Res.</i> , 7(6):1541-1553 (1979).
	Kidd <i>et al.</i> , " $\alpha_1$ -Antitrypsin deficiency detection by direct analysis of the mutation in the gene," <i>Nature</i> , 304:230-234 (1983).
	Lehrach <i>et al.</i> , "Hybridization Fingerprinting in Genome Mapping and Sequencing," <i>Genome Analysis Volume 1: Genetic and Physical Mapping</i> , Cold Spring Harbor Laboratory Press, pages 39-81 (1990).
	Lewin, Benjamin, eds., <i>Genes</i> , third edition, John Wiley & Sons, cover page, preface and table of contents, (1987).
	Luo, J, <i>et al.</i> , "Improving the fidelity of <i>Thermus thermophilus</i> DNA ligase," <i>Nuc. Acids Res.</i> , 24(14):3071-3078 (1996).
	Matthes <i>et al.</i> , "Simultaneous rapid chemical synthesis of over one hundred oligonucleotides on a microscale," <i>EMBO J.</i> , 3(4):801-805 (1984).
	Miyada <i>et al.</i> , "Oligonucleotide Hybridization Techniques," <i>Meth. Enzymology</i> , 154:94-107 (1987).
	Nederlof <i>et al.</i> , "Three-Color Fluorescence In Situ Hybridization for the Simultaneous Detection of Multiple Nucleic Acid Sequences," <i>Cytometry</i> , 10:20-27 (1989).
	Nizetic <i>et al.</i> , "An improved bacterial colony lysis procedure enables direct DNA hybridisation using short (10, 11 bases) oligonucleotides to cosmids," <i>Nuc. Acids Res.</i> , 19(1):182 (1990).
	Nizetic <i>et al.</i> , "Construction, arraying, and high-density screening of large insert libraries of human chromosomes X and 21: their potential use as reference libraries," <i>PNAS</i> , 88:3233-3237 (1991).
	Pillai, V.N., "Photoremovable Protecting Groups in Organic Synthesis," <i>Synthesis</i> , pgs. 1-26 (1980).
	Renz <i>et al.</i> , "A colorimetric method for DNA hybridization," <i>Nuc. Acids Res.</i> , 12(8):3435-3445 (1984).
	Schafer <i>et al.</i> , "DNA fingerprinting using non-radioactive oligonucleotide probes specific for simple repeats," <i>Nuc. Acids Res.</i> , 16(19):9344 (1988).
	Sofia, M.J., "Carbohydrate-based combinatorial libraries," <i>Molecular Diversity</i> , 3:75-94 (1998).
	Southern, E.M., "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis," <i>J. Mol. Biol.</i> , 98:503-517 (1975).
	Thomas, P.S., "Hybridization of denatured RNA and small DNA fragments transferred to nitrocellulose," <i>PNAS</i> , 77(9):5201-5205 (1980).
	Wallace <i>et al.</i> , "The use of synthetic oligonucleotides as hybridization probes. II. Hybridization of oligonucleotides of mixed sequence of rabbit -globin DNA," <i>Nuc. Acids Res.</i> , 9(4):879 (1981).
	Wiedmann, M. <i>et al.</i> , "Ligase Chain Reaction (LCR) - Overview and Applications," <i>PCR Meth. Appl.</i> , 3(4):S51-S64 (1994).
	Zischler <i>et al.</i> , "Non-radioactive oligonucleotide fingerprinting in the gel," <i>Nuc. Acids Res.</i> , 17(11):4411 (1989).
	Zischler <i>et al.</i> , "Digoxigenated oligonucleotide probes specific for simple repeats in DAN fingerprinting and hybridization in situ," <i>Hum. Genet.</i> , 82:227-233 (1989).
Examiner	Date Considered
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	Applicants: <b>Stephen P. A. FODOR <i>et al.</i></b>	
	PAGE 1 of 4	
PTO Form 1449 <b>THIRD</b>	Filing Date: <b>October 28, 2003</b>	Group Art Unit: <b>1634</b>

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
	1.	20030082611	5/1/2003	Minshull			
	2.	6,653,153 B2	11/25/2003	Xiong et al.			
	3.	6,416,949	7/9/2002	Dower, et al.			
	4.	6,410,245	6/25/2002	Northrop, et al.			
	5.	6,403,957	6/11/2002	Fodor, et al.			
	6.	6,403,320	6/11/2002	Read, et al.			
	7.	6,368,874	4/9/2002	Gallop, et al.			
	8.	6,309,822	10/30/2001	Fodor et al.			
	9.	6,265,552	7/24/2001	Schatz			
	10.	6,197,506	3/6/2001	Fodor, et al.			
	11.	6,165,778	12/26/2000	Kedar			
	12.	6,165,717	12/26/2000	Dower, et al.			
	13.	6,156,511	12/5/2000	Schatz, et al.			
	14.	6,143,497	11/7/2000	Dower, et al.			
	15.	6,140,493	10/31/2000	Dower, et al.			
	16.	6,107,059	8/11/2000	Hart			
	17.	6,056,926	5/2/2000	Sugarman, et al.			
	18.	5,986,047	11/16/1999	Wrighton, et al.			
	19.	5,932,433	9/3/1999	Schatz			
	20.	5,922,545	7/13/1999	Mattheakis, et al.			
	21.	5,880,096	3/9/1999	Barrett			
	22.	5,874,239	2/23/1999	Schatz			
	23.	5,871,928	2/16/1999	Fodor, et al.			
	24.	5,861,476	1/19/1999	Barrett, et al.			
	25.	5,837,551	11/17/1998	Ekins			
	26.	5,830,851	11/3/1998	Wrighton, et al.			
	27.	5,830,721	11/3/1998	Stemmer, et al.			
	28.	5,817,751	10/6/1998	Szardenings, et al.			
	29.	5,814,603	9/29/1998	Oldenburg, et al.			
	30.	5,811,238	9/22/1998	Stemmer, et al.			
	31.	5,807,755	9/15/1998	Ekins			
	32.	5,789,162	8/4/1998	Dower, et al.			
	33.	5,786,331	7/28/1998	Barrett, et al.			
	34.	5,786,322	7/28/1998	Barrett, et al.			
	35.	5,773,569	6/30/1998	Wrighton, et al.			
	36.	5,770,358	6/23/1998	Dower, et al.			
	37.	5,767,234	6/16/1998	Yanofsky, et al.			

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							

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	PAGE 2 of 4	
PTO Form 1449 <b>THIRD</b>	Filing Date: <b>October 28, 2003</b>	Group Art Unit: <b>1634</b>

**U.S. PATENT DOCUMENTS**

Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
	38.	5,733,731	3/31/1998	Schatz, et al.			
	39.	5,728,802	3/17/1998	Barrett, et al			
	40.	5,723,584	3/3/1998	Schatz			
	41.	5,723,286	3/3/1998	Dower, et al.			
	42.	5,708,153	1/13/1998	Dower, et al.			
	43.	5,679,773	10/21/1997	Holmes			
	44.	5,668,110	9/16/1997	Barrett, et al.			
	45.	5,665,975	9/9/1997	Kedar			
	46.	5,654,276	8/5/1997	Barrett, et al.			
	47.	5,654,162	8/5/1997	Guire et al.			
	48.	5,648,458	7/15/1997	Cwirla, et al.			
	49.	5,643,873	7/1/1997	Barrett, et al.			
	50.	5,639,603	6/17/1997	Dower, et al.			
	51.	5,635,597	6/3/1997	Barrett, et al.			
	52.	5,608,035	3/4/1997	Yanofsky, et al.			
	53.	5,607,691	3/4/1997	Hale, et al.			
	54.	5,605,793	2/25/1997	Stemmer			
	55.	5,599,720	2/4/1997	Ekins			
	56.	5,580,717	2/3/1996	Dower, et al.			
	57.	5,549,974	8/27/1996	Holmes, et al.			
	58.	5,514,785	5/7/1996	Van Ness, et al.			
	59.	5,503,805	4/2/1996	Sugarman, et al.			
	60.	5,498,530	3/12/1996	Schatz, et al.			
	61.	5,491,074	2/13/1996	Aldwin, et al.			
	62.	5,486,452	1/23/1996	Gordon et al.			
	63.	5,482,867	1/9/1996	Barrett et al.			
	64.	5,451,683	9/19/1995	Barrett et al.			
	65.	5,432,018	7/11/1995	Dower, et al.			
	66.	5,432,009	7/11/1995	Ekins			
	67.	5,427,908	6/27/1995	Dower, et al.			
	68.	5,420,328	5/30/1995	Campbell			
	69.	5,359,115	10/25/1994	Campbell, et al.			
	70.	5,338,665	8/16/1994	Schatz, et al.			
	71.	5,270,170	12/14/1993	Schatz, et al.			
	72.	5,270,167	12/14/1993	Francoeur			
	73.	5,264,565	11/23/1993	England, et al.			

**FOREIGN PATENT DOCUMENTS**

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				PTO Form 1449 <b>THIRD</b>		Filing Date: October 28, 2003		Group Art Unit: 1634	

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
	74.	5,219,763	6/15/1993	Van Hoegaerden			
	75.	5,156,953	10/20/1992	Litman et al.			
	76.	4,968,633	11/6/1990	Marcucci			
	77.	4,965,188	10/23/1990	Mullis et al.			
	78.	4,880,750	11/14/1989	Francoeur			
	79.	4,843,018	6/27/1989	Berger et al.			
	80.	4,673,657	6/16/1987	Christian			
	81.	4,670,218	6/2/1987	Gantzer et al.			
	82.	4,652,533	3/24/1987	Jolley			
	83.	4,647,544	3/3/1987	Nicoli et al.			
	84.	4,608,344	8/26/1986	Carter et al.			
	85.	4,591,570	5/27/1986	Chang			
	86.	4,563,417	1/7/1986	Albarella et al.			
	87.	4,487,839	12/11/1984	Kamentsky			
	88.	4,459,360	7/10/1984	Marinkovich			
	89.	4,402,819	9/6/1983	Rechnitz et al.			
	90.	4,344,438	8/17/1982	Schultz			
	91.	4,301,115	11/17/1981	Rapkin et al.			
	92.	4,299,916	11/10/1981	Litman et al.			
	93.	4,292,296	9/29/1981	Parsons, Jr.			
	94.	4,160,008	7/3/1979	Fenocketti et al.			
	95.	4,061,468	12/6/1977	Lange et al.			
	96.	4,054,646	10/18/1977	Giaever et al.			
	97.	4,001,583	1/4/1977	Barrett			
	98.	3,646,346	2/29/1972	Catt			
	99.	3,001,915	9/26/1961	Fonner et al.			

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation
	100.	WO 92/02536	2/20/1992	PCT			
	101.	WO 90/06045	6/14/1990	PCT			
	102.	WO 90/06044	6/14/1990	PCT			
	103.	WO 88/10313	12/29/1988	PCT			
	104.	WO 88/01302	2/25/1988	PCT			
	105.	WO 86/05519	9/25/1986	PCT			
	106.	WO 86/05518	9/25/1986	PCT			
	107.	GB 2099578 A	12/8/1982	GB			
	108.	GB 1561042	2/13/1980	GB			
	109.	CA 1248873	1/17/1989	CA			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
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				PTO Form 1449 <b>THIRD</b>		Filing Date: October 28, 2003		Group Art Unit: 1634	

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FOREIGN PATENT DOCUMENTS							
	Document No.	Date	Country	Class	Sub-Class	Translation	
	110. DE 3722958	1/18/1989	Germany				
	111. EP 347210	12/20/1989	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
112.	Affymetrix, Pioneering an Industry. 2002
113.	Chow et al., "A high capacity, reusable oligodeoxythymidine affinity column," Anal Biochem, 175:63-66, 1988.
114.	Dunn et al., "Mapping viral mRNAs by sandwich hybridization," Methods Enzymol 65(1):468-478, 1980.
115.	Gaiver (1976), "Visual detection of carcinogenic antigen on surfaces," J Immunol 116(3):766-771
116.	Jolley et al. (1984), "particle concentration fluorescence immunoassay (PCFIA): a new, rapid immunoassay technique with high sensitivity," J Immunological Methods 67:21-35
117.	Jönsson et al., "Surface immobilization techniques in combination with ellipsometry," Methods Enzymol 137:381-388, 1988.
118.	Koster et al. (Tetrahedron, Vol. 40, No. 1, pages 103-112, 1984)
119.	Kremsky et al. (1987), "Immobilization of DNA via oligonucleotides containing an aldehyde or carboxylic acid group at the 5' terminus," Nucleic Acids Research, 15(7):2891-2909.
120.	Litman et al. (1983), "An internally referenced test strip immunoassay for morphine," Clin Chem 29(9):1598-1603.
121.	Maskos et al., "A novel method for the analysis of multiple sequence variants by hybridisation to oligonucleotides," Nuc. Acids Res., 19(21):2267-2268 (1993).
122.	Matteucci et al., "Synthesis of deoxyoligonucleotides on a polymer support," J Am Chem Soc 103:3185-3191, 1981.
123.	Miles et al. (1981), "Cyclic AMP regulation of lactate dehydrogenase," J Biol Chem 256(23):12545-12552
124.	Miller et al. (1984), "Application of the MAST TM immunodiagnostic system to the determination of allergen-specific IgE," Clin Chem 30(9):1467-1472.
125.	Riott et al. ImmuNology. Second Edition. Chapter 2
126.	Rentrop et al., "Aminoalkylsilane-treated glass slides as support for in situ hybridization of keratin cDNAs to frozen tissue sections under varying fixation and pretreatment conditions," Histochem J 18(5):271-276, 1986.
127.	Schena et al. "Microarrays: BiotechNology's discover platform for functional geNomics." TIBTech, Vol. 16, pages 301-306 July 1998.
128.	Schena, M. DNA MicroArray: A practical Approach. 1999, pages 6-9, 192-199
129.	Sproat et al. (Tetrahedron Letters, Vol. 24, No. 51, pages 5771-5774, 1983)
130.	St. John et al., "Isolation of Galactose-Inducible DNA Sequences from Saccharomyces cerevisiae by Differential Plaque Filter Hybridization," Cell, 16:443-452, 1979.
131.	Sternberg et al. (1983), "Dot-blotting- a novel screening assay for antibodies in hybridoma cultures," J Immunological Methods 64:39-43.
132.	Tanaka et al. "GeNome-wide expression profiling of mid-gestation placenta and embryo using a 15,000 mouse developmental cDNA microarray." PNAS. Vol. 97, No. 16, pages 9127-9132, August 2000.
133.	Weetall et al., "Covalent coupling methods for inorganic support materials," Methods Enzymol 44: 134-148, 1976.
134.	Wolf et al. (1987), "Rapid hybridization kinetics of DNA attached to submicron latex particles," Nucleic Acids Research, 15(7):2911-2926.

Examiner	Date Considered
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